

L Number	Hits	Search Text	DB	Time stamp
1	0	dimethylamidopropyltrimethyl adj ammonium	USPAT; US-PGPUB; EPO; DERWENT	2004/11/10 09:29
2	6	amidopropyltrimethyl adj ammonium	USPAT; US-PGPUB; EPO; DERWENT	2004/11/10 09:39
3	0	amidopropyltrimethyl adj ammonium	USOCR	2004/11/10 09:40
4	0	erucyl-dmapa	USPAT; US-PGPUB; EPO; DERWENT	2004/11/10 09:42
5	0	erucyl adj dmapa	USPAT; US-PGPUB; EPO; DERWENT	2004/11/10 09:42
6	0	erucyl adj dmapa	USOCR	2004/11/10 09:42
7	0	erucyl-dmapa	USOCR	2004/11/10 09:42

* * * * * Welcome to STN International * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	JUL 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS 4	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS 5	AUG 02	CAPLUS and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS 6	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS 7	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 8	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS 9	SEP 01	INPADOC: New family current-awareness alert (SDI) available
NEWS 10	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS 11	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 12	SEP 27	STANDARDS will no longer be available on STN
NEWS 13	SEP 27	SWETSCAN will no longer be available on STN
NEWS 14	OCT 28	KOREAPAT now available on STN

NEWS EXPRESS	OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:38:06 ON 10 NOV 2004

=> file ca

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CA' ENTERED AT 10:38:21 ON 10 NOV 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 4 Nov 2004 VOL 141 ISS 20
FILE LAST UPDATED: 4 Nov 2004 (20041104/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 690625-43-5

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L2 0 L1

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.15	3.20

FILE 'REGISTRY' ENTERED AT 10:38:54 ON 10 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9
DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s 690625-43-5

L3 1 690625-43-5
(690625-43-5/RN)

=> s 742651-49-6

L4 1 742651-49-6
(742651-49-6/RN)

=> s 742673-48-9

L5 1 742673-48-9
(742673-48-9/RN)

=> file ca

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.84	4.04

FILE 'CA' ENTERED AT 10:40:17 ON 10 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 4 Nov 2004 VOL 141 ISS 20
FILE LAST UPDATED: 4 Nov 2004 (20041104/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L6 0 L3

=> s 14

L7 0 L4

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.84	4.88

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:41:43 ON 10 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9
DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

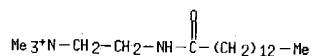
=> s 13

L8 1 690625-43-5
(690625-43-5/RN)

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 690625-43-5 REGISTRY
 CN Ethanaminium, N,N,N-trimethyl-2-[(1-oxotetradecyl)amino]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H41 N2 O
 CI COM
 SR CA



=> file caplus

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
2.61	7.49

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 10:42:48 ON 10 NOV 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Nov 2004 VOL 141 ISS 20
 FILE LAST UPDATED: 9 Nov 2004 (20041109/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L9 0 L3

=> s 690625-43-5

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L11 0 L10

=> s 690625-43-5/RN

0 690625-43-5

0 690625-43-5D

L12 0 690625-43-5/RN

(690625-43-5 (NOTL) 690625-43-5D)

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
------------	-------

FULL ESTIMATED COST

ENTRY	SESSION
6.34	14.69

FILE 'REGISTRY' ENTERED AT 10:44:24 ON 10 NOV 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9
 DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

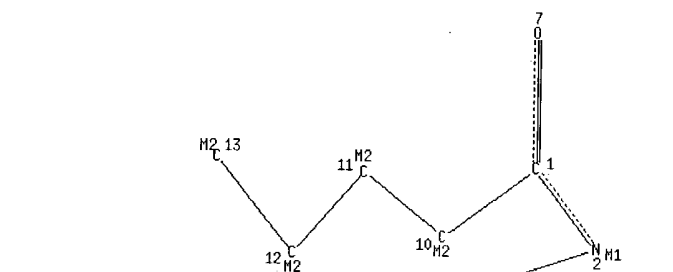
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

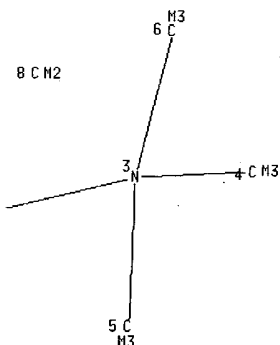
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
 L13 STRUCTURE UPLOADED

=> dis que
 L13 STR



Page 1-A



Page 1-B

9

Page 2-A
 REP G20=(2-3) 8-2 8-3

NODE ATTRIBUTES:

HCOUNT	IS	M1	AT	2
HCOUNT	IS	M3	AT	4
HCOUNT	IS	M3	AT	5
HCOUNT	IS	M3	AT	6
HCOUNT	IS	M2	AT	8
HCOUNT	IS	M2	AT	10
HCOUNT	IS	M2	AT	11
HCOUNT	IS	M2	AT	12
HCOUNT	IS	M2	AT	13
NSPEC	IS	C	AT	1
NSPEC	IS	C	AT	2
NSPEC	IS	C	AT	3
NSPEC	IS	C	AT	4
NSPEC	IS	C	AT	5
NSPEC	IS	C	AT	6
NSPEC	IS	C	AT	7
NSPEC	IS	C	AT	8
NSPEC	IS	C	AT	9
NSPEC	IS	C	AT	10
NSPEC	IS	C	AT	11
NSPEC	IS	C	AT	12
NSPEC	IS	C	AT	13

DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 1 2 3 4 5 6 7 8 10 11 12 13
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

=> s 113

SAMPLE SEARCH INITIATED 10:50:15 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 241 TO ITERATE

100.0% PROCESSED 241 ITERATIONS
 SEARCH TIME: 00.00.01

13 ANSWERS

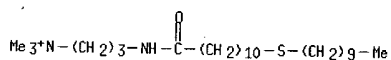
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 3889 TO 5751
 PROJECTED ANSWERS: 44 TO 476

L14 13 SEA SSS SAM L13

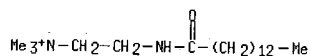
=> d 114 1-13

L14 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 771447-46-2 REGISTRY
 CN 1-Propanaminium, 3-[[11-(decylthio)-1-oxoundecyl]amino]-N,N,N-trimethyl-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H57 N2 O S
 CI COM
 SR CA



L14 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 690625-43-5 REGISTRY

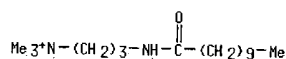
CN Ethanaminium, N,N,N-trimethyl-2-[(1-oxotetradecyl)amino]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H41 N2 O
 CI COM
 SR CA



L14 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 466681-89-0 REGISTRY
 CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxoundecyl)amino]-, salt with methyloxirane block polymer with oxirane mono(hydrogen 2-butenedioate) eicosyl ether (1:1) (9CI) (CA INDEX NAME)
 MF C20 H42 O . C17 H37 N2 O . C4 H3 O4 . (C3 H6 O . C2 H4 O)x
 PCT Polyether, Polyether formed
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CM 1

CRN 146919-77-9
 CMF C17 H37 N2 O

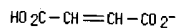


CM 2

CRN 466681-88-9
 CMF C20 H42 O . C4 H3 O4 . (C3 H6 O . C2 H4 O)x

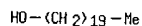
CM 3

CRN 928-03-0
 CMF C4 H3 O4



CM 4

CRN 629-96-9
 CMF C20 H42 O



CM 5

CRN 106392-12-5
 CMF (C3 H6 O . C2 H4 O)x
 CCI PMS

CM 6

CRN 75-56-9

CMF C3 H6 O



CM 7

CRN 75-21-8

CMF C2 H4 O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 4 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 466681-87-8 REGISTRY

CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxononyl)amino]-, salt with methyloxirane block polymer with oxirane mono(hydrogen 2-butenedioate) octadecyl ether (1:1) (9CI) (CA INDEX NAME)

MF C18 H38 O . C15 H33 N2 O . C4 H3 O4 . (C3 H6 O . C2 H4 O)x

PCT Polyether, Polyether formed

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

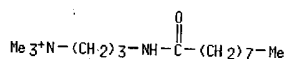
DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CM 1

CRN 466681-86-7

CMF C15 H33 N2 O



CM 2

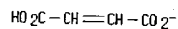
CRN 466681-85-6

CMF C18 H38 O . C4 H3 O4 . (C3 H6 O . C2 H4 O)x

CM 3

CRN 928-03-0

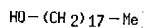
CMF C4 H3 O4



CM 4

CRN 112-92-5

CMF C18 H38 O



CM 5

CRN 106392-12-5

CMF (C3 H6 O . C2 H4 O)x

CCI PMS

CM 6

CRN 75-56-9

CMF C3 H6 O



CM 7

CRN 75-21-8

CMF C2 H4 O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 466639-26-9 REGISTRY

CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxononyl)amino]-, chloride (9CI)
(CA INDEX NAME)

MF C15 H33 N2 O . Cl

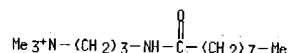
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA Caplus document type: Patent

RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

CRN (466681-86-7)



Cl⁻

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 172528-00-6 REGISTRY

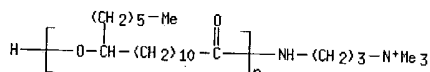
CN Poly[oxy(1-hexyl-12-oxo-1,12-dodecanediyl)], α-hydro-ω-[[3-(trimethylammonio)propyl]amino]- (9CI) (CA INDEX NAME)

MF (C18 H34 O2)n C6 H17 N2

CI PMS, COM

PCT Polyester

SR CA



L14 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 171731-00-3 REGISTRY

CN Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-10-undecenyl)amino]-, methanesulfonate (9CI) (CA INDEX NAME)

MF C16 H33 N2 O . C H3 O3 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

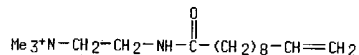
DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); USES (Uses)

CM 1

CRN 171730-99-7

CMF C16 H33 N2 O



CM 2

CRN 16053-58-0

CMF C H3 O3 S



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 148414-45-3 REGISTRY

CN 1-Propanaminium, N,N,N-trimethyl-3-[[1-oxo-5-(tridecyloxy)pentyl]amino]-, iodide (9CI) (CA INDEX NAME)

MF C24 H51 N2 O2 . I

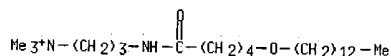
SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation)

CRN (684208-24-0)



1-

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 141135-56-0 REGISTRY

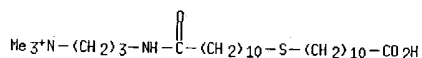
CN 1-Propanaminium, 3-[[11-[(10-carboxydecyl)thio]-1-oxoundecyl]amino]-N,N,N-trimethyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C28 H57 N2 O3 S

CI COM

SR CA



L14 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 123369-04-0 REGISTRY

CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxododecyl)amino]-, ethanesulfonate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanesulfonic acid, ion(1-), N,N,N-trimethyl-3-[(1-oxododecyl)amino]-1-propanaminium (9CI)

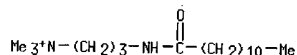
MF C18 H39 N2 O . C2 H5 O3 S

SR CA

LC STN Files: CA, CAPLUS
DT.CA Cplus document type: Patent
RL.P Roles from patents: USES (Uses)

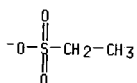
CM 1

CRN 45260-21-7
CMF C18 H39 N2 O



CM 2

CRN 10047-83-3
CMF C2 H5 O3 S



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
RN 109371-35-9 REGISTRY
CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxooctyl)amino]-, octyl phosphate
(1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phosphoric acid, mono-octyl ester, ion(1-), N,N,N-trimethyl-3-[(1-oxooctyl)amino]-1-propanaminium (9CI)

MF C14 H31 N2 O . C8 H18 O4 P

SR CA

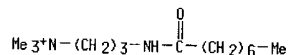
LC STN Files: CA, CAPLUS, USPATFULL

DT.CA Cplus document type: Patent

RL.P Roles from patents: USES (Uses)

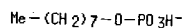
CM 1

CRN 100772-84-7
CMF C14 H31 N2 O



CM 2

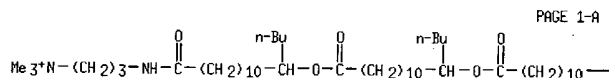
CRN 45102-33-8
CMF C8 H18 O4 P



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
RN 88465-78-5 REGISTRY
CN 1-Propanaminium, 3-[[12-[[12-[(12-hydroxy-1-oxohexadecyl)oxy]-1-oxohexadecyl]oxy]-1-oxohexadecyl]amino]-N,N,N-trimethyl- (9CI) (CA INDEX NAME)
MF C54 H107 N2 O6

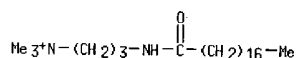
CI COM



L14 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 19277-88-4 REGISTRY
 CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxooctadecyl)amino]-, methyl sulfate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ammonium, trimethyl(3-octadecanamidopropyl)-, methyl sulfate (8CI)
 CN Trimethyl(3-stearamidopropyl)ammonium methyl sulfate (6CI)
 OTHER NAMES:
 CN (Octadecanoylaminotrimethylene)trimethylammonium methyl sulfate
 CN Elegan R 115
 DR 321746-55-8
 MF C24 H51 N2 O . C H3 O4 S
 LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA CAPLUS document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CM 1

CRN 45296-14-8
 CMF C24 H51 N2 O



CM 2

CRN 21228-90-0
 CMF C H3 O4 S

Me-O-SO3-

14 REFERENCES IN FILE CA (1907 TO DATE)
 14 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 113

SAMPLE SEARCH INITIATED 10:50:15 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 241 TO ITERATE

100.0% PROCESSED 241 ITERATIONS
 SEARCH TIME: 00.00.01

13 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 3889 TO 5751
 PROJECTED ANSWERS: 44 TO 476

L14 13 SEA SSS SAM L13

=> search l13

ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
 ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
 FULL SEARCH INITIATED 10:54:37 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 4144 TO ITERATE

100.0% PROCESSED 4144 ITERATIONS 235 ANSWERS
 SEARCH TIME: 00.00.01

L15 235 SEA SSS FUL L13

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	185.57	200.26

FILE 'CAPLUS' ENTERED AT 10:55:09 ON 10 NOV 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Nov 2004 VOL 141 ISS 20
 FILE LAST UPDATED: 9 Nov 2004 (20041109/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s subterranean

L16 4873 SUBTERRANEAN

=> s l15 and l16

212 L15

L17 0 L15 AND L16

=> s aqueous and l15

160862 AQUEOUS

212 L15

L18 7 AQUEOUS AND L15

=> d l18 1-7

L18 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
 Text References

AN 2003:924103 CAPLUS
 DN 140:183608
 TI 2-(Acylamino)ethyltrimethylammonium chloride surfactants: synthesis and properties of aqueous solutions
 AU Shimizu, Susana; El Seoud, Omar A.
 CS Instituto de Quimica, Universidade de Sao Paulo, Sao Paulo, 05513-970, Brazil

SO Colloid and Polymer Science (2003), 282(1), 21-31
 CODEN: CPMSB6; ISSN: 0303-402X
 PB Springer-Verlag
 DT Journal
 LA English
 RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:138801 CAPLUS
 DN 136:185813
 TI Cleaning of hard surfaces using thickened, rheopectic **aqueous** cleaning agents
 IN Noll, Uwe; Tyborski, Thomas; Luedecke, Werner
 PA Henkel Ecolab Gmbh & Co Ohg, Germany
 SO Ger. Offen., 12 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10037405	A1	20020221	DE 2000-10037405	20000801
DE 2000-10037405		20000801		

OS MARPAT 136:185813

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:129405 CAPLUS
 DN 136:185289
 TI Recovery of the faded color of garments by treating the faded garments with **aqueous** mixtures containing water-insoluble polymers and surfactants
 IN Yamada, Isao; Inoue, Akihiro; Tsukiyama, Yoichi; Ogura, Nobuyuki
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002054074	A2	20020219	JP 2001-155036	20010524
JP 2000-154527	A	20000525		

L18 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:61533 CAPLUS
 DN 134:132965
 TI **Aqueous** carbon black dispersions containing cationic and nonionic surfactants
 IN Kalbitz, Werner; Alfons, Karl; Kleinhenz, Horst; Johann, Mathias; Stuebbe, Andreas; Tauber, Gerd
 PA Degussa-Huels AG, Germany
 SO Ger. Offen., 8 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI DE 19934282 A1 20010125 DE 1999-19934282 19990721
 EP 1072654 A2 20010131 EP 2000-111718 20000602
 EP 1072654 A3 20040114
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 JP 2001072914 A2 20010321 JP 2000-217872 20000718
 US 6685769 B1 20040203 US 2000-621462 20000721
 PRAI DE 1999-19934282 A 19990721
 OS MARPAT 134:132965

L18 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 2001:61532 CAPLUS
 DN 134:117197
 TI **Aqueous** carbon black dispersions containing cationic surfactants
 IN Kalbitz, Werner; Alfons, Karl; Kleinhenz, Horst; Johann, Mathias; Stuebbe,
 Andreas; Tauber, Gerd
 PA Degussa-Huels AG, Germany
 SO Ger. Offen., 6 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19934281	A1	20010125	DE 1999-19934281	19990721
	EP 1072655	A2	20010131	EP 2000-111719	20000602
	EP 1072655	A3	20040107		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001115060	A2	20010424	JP 2000-217871	20000718
	US 6451100	B1	20020917	US 2000-625203	20000721
PRAI	DE 1999-19934281	A	19990721		
OS	MARPAT 134:117197				

L18 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 2000:116850 CAPLUS
 DN 132:133626
 TI **Aqueous** formulations of plant growth regulators.
 IN Kober, Reiner; Rademacher, Wilhelm; Hoppner, Peter; Kiessling, Ulrich;
 Scholz, Jurgen; Berghaus, Rainer; Borzyk, Oliver; Oetter, Gunter
 PA BASF A.-G., Germany
 SO PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000007445	A1	20000217	WO 1999-EP4871	19990712
	W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HR, HU, ID, IL, IN, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2338988	AA	20000217	CA 1999-2338988	19990712
	AU 9950357	A1	20000228	AU 1999-50357	19990712
	AU 762608	B2	20030703		
	EP 1100329	A1	20010523	EP 1999-934661	19990712
	EP 1100329	B1	20031112		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002522358	T2	20020723	JP 2000-563142	19990712

NZ 509544	A	20030829	NZ 1999-509544	19990712
AT 253822	E	20031115	AT 1999-934661	19990712
PT 1100329	T	20040430	PT 1999-934661	19990712
ES 2212589	T3	20040716	ES 1999-934661	19990712
TW 548076	B	20030821	TW 1999-88113112	19990731
ZA 2001000825	A	20020130	ZA 2001-825	20010130
US 6451739	B1	20020917	US 2001-744719	20010130
PRAI DE 1998-19834543	A	19980731		
WO 1999-EP4871	W	19990712		

OS MARPAT 132:133626

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1999:556907 CAPLUS
DN 131:171914
TI **Aqueous** compositions containing peracid precursors stabilized by cationic surfactants and cleaning method with good bleaching effects for removal of molds
IN Aihara, Noboru; Hanai, Junya; Yamada, Hiroyuki; Tsukuda, Kazunori; Kubo, Makoto
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 11236596	A2	19990831	JP 1998-215605	19980730
PRAI	JP 1997-347509		19971217		
OS	MARPAT 131:171914				

=>

NZ 509544	A	20030829	NZ 1999-509544	19990712
AT 253822	E	20031115	AT 1999-934661	19990712
PT 1100329	T	20040430	PT 1999-934661	19990712
ES 2212589	T3	20040716	ES 1999-934661	19990712
TW 548076	B	20030821	TW 1999-88113112	19990731
ZA 2001000825	A	20020130	ZA 2001-825	20010130
US 6451739	B1	20020917	US 2001-744719	20010130
PRAI DE 1998-19834543	A	19980731		
WO 1999-EP4871	W	19990712		

OS MARPAT 132:133626

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1999:556907 CAPLUS
DN 131:171914
TI **Aqueous** compositions containing peracid precursors stabilized by cationic surfactants and cleaning method with good bleaching effects for removal of molds
IN Aihara, Noboru; Hanai, Junya; Yamada, Hiroyuki; Tsukuda, Kazunori; Kubo, Makoto
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11236596	A2	19990831	JP 1998-215605	19980730
PRAI	JP 1997-347509		19971217		
OS	MARPAT 131:171914				

=> s 19277-88-4

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L20 14 L19

=> d 120 1-14

L20 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2004:466715 CAPLUS
DN 141:28229
TI Cosmetic cleansing compositions for skin and hair containing quaternary ammonium alkylamide derivatives
IN Liebelt, Wibke; Jung, Lars; Goddinger, Dieter
PA Hans Schwarzkopf G.m.b.H. & Co. K.-G., Germany
SO Ger. Offen., 18 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
--	------------	------	------	-----------------	------

 PI DE 10309180 A1 20040609 DE 2003-10309180 20030228
 PRAI DE 2003-10309180 20030228
 OS MARPAT 141:28229

L20 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
 Text References

AN 2003:809312 CAPLUS
 DN 139:311935
 TI Cosmetic base compositions and cosmetic products containing biodegradable quaternary ammonium salts
 IN Yajima, Toshio; Ogawa, Kenji; Wakui, Kazuo; Koyama, Takashi
 PA Lion Corp., Japan; Lion Akzo Co., Ltd.
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003292412	A2	20031015	JP 2002-102476	20020404
PRAI JP 2002-102476		20020404		
OS MARPAT 139:311935				

L20 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
 Text References

AN 2003:470868 CAPLUS
 DN 139:54237
 TI Waterborne agents for oiling biodegradable synthetic fibers with freedom from scum buildup and good antistatic property
 IN Takagi, Makoto; Kobayashi, Kiyoto; Kinoshita, Tsukasa
 PA Takemoto Oil and Fat Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003171871	A2	20030620	JP 2001-370970	20011205
PRAI JP 2001-370970		20011205		
OS MARPAT 139:54237				

L20 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
 Text References

AN 2003:152393 CAPLUS
 DN 138:195838
 TI Image forming method using contact charging roll
 IN Suwabe, Masaaki; Kamata, Shin; Sato, Shuji; Kadokura, Yasuo; Ishiyama, Takao
 PA Fuji Xerox Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003057866	A2	20030228	JP 2001-247928	20010817
US 2003113650	A1	20030619	US 2002-219489	20020816
PRAI JP 2001-247928	A	20010817		

L20 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:844254 CAPLUS
 DN 138:226353
 TI Nonaqueous hair styling compositions containing polymers
 IN Cincotta, Joseph J.; Coppola, Linda
 PA USA
 SO U.S. Pat. Appl. Publ., 20 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002155962	A1	20021024	US 2001-764942	20010117
	US 2002155962	A1	20021024	US 2001-764942	20010117
	US 6706674	B2	20040316		
PRAI	US 2001-764942	A	20010117		

L20 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:581677 CAPLUS
 DN 135:170470
 TI Clear microemulsions containing quaternary ammonium salts for use in hair conditioner formulations
 IN Dalrymple, Damon M.; Manning, Monna
 PA Goldschmidt Chemical Co., USA
 SO PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001056537	A1	20010809	WO 2001-US639	20010110
	W: AU, CA, JP, PL				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	US 2001053374	A1	20011220	US 2000-497462	20000203
	EP 1251820	A1	20021030	EP 2001-901906	20010110
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
PRAI	US 2000-497462	A	20000203		
	WO 2001-US639	W	20010110		
OS	MARPAT 135:170470				

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2000:887833 CAPLUS
 DN 134:43295
 TI Electrically conductive printing rolls
 IN Kamiishi, Kentaro; Watanabe, Ryuji; Shindo, Takuya
 PA Fuji Xerox Co., Ltd., Japan; Suzuka Fuji Xerox K. K.
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000352857	A2	20001219	JP 1999-167152	19990614
PRAI	JP 1999-167152		19990614		

L20 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2000:121812 CAPLUS
 DN 132:170846
 TI Shampoos containing arginine salts and cationic surfactants
 IN Shimada, Masahiko; Nakamura, Hiroyuki
 PA Nippon Oil and Fats Co., Ltd., Japan; Ajinomoto Co., Inc.
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000053540	A2	20000222	JP 1998-220750	19980804
PRAI	JP 1998-220750		19980804		
OS	MARPAT 132:170846				

L20 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1994:220329 CAPLUS
 DN 120:220329
 TI Wax dispersions for yarns
 IN Danner, Bernard
 PA Sandoz-Patent-GmbH, Germany
 SO Ger. Offen., 12 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4206714	A1	19930909	DE 1992-4206714	19920304
	WO 9318222	A1	19930916	WO 1993-CH50	19930301
	W: JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 583446	A1	19940223	EP 1993-903778	19930301
	EP 583446	B1	19960814		
	R: CH, DE, FR, GB, IT, LI				
	JP 06507443	T2	19940825	JP 1993-515156	19930301
	US 5389136	A	19950214	US 1993-25206	19930302
PRAI	DE 1992-4206714	A	19920304		
	WO 1993-CH50	W	19930301		
OS	MARPAT 120:220329				

L20 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1993:131746 CAPLUS
 DN 118:131746
 TI Shampoos containing cationic and anionic surfactants to impart improved hair conditioning properties
 IN Duffy, Michele; Bergmann, Wolfgang
 PA Curtis, Helene, Inc., USA
 SO Eur. Pat. Appl., 42 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 511652	A1	19921104	EP 1992-107311	19920429
	EP 511652	B1	19951129		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 2066885	AA	19921030	CA 1992-2066885	19920423

CA 2066885	C	20020723		
IL 101682	A1	19961205	IL 1992-101682	19920423
NO 9201640	A	19921030	NO 1992-1640	19920428
AU 9215224	A1	19921105	AU 1992-15224	19920428
AU 653216	B2	19940922		
ZA 9203084	A	19930127	ZA 1992-3084	19920428
AT 130751	E	19951215	AT 1992-107311	19920429
ES 2080369	T3	19960201	ES 1992-107311	19920429
JP 06107525	A2	19940419	JP 1992-155568	19920430
PRAI US 1991-692709	A	19910429		
OS MARPAT 118:131746				

L20 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1988:512462 CAPLUS
 DN 109:112462
 TI Antistatic and softening agent for fabrics
 IN Mikulcova, Dagmar; Smidrkal, Jan; Krob, Vaclav; Simunek, Jaroslav;
 Koninkova, Vendula
 PA Czech.
 SO Czech., 4 pp.
 CODEN: CZXXA9
 DT Patent
 LA Czech
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 246531	B1	19861016	CS 1984-5869	19840801
PRAI	CS 1984-5869		19840801		

L20 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1987:424769 CAPLUS
 DN 107:24769
 TI Preparation of quaternized aminoamido waxes for finishes for textiles
 IN Danner, Bernard; Schleusener, Eckart
 PA Sandoz-Patent-G.m.b.H., Fed. Rep. Ger.
 SO Ger. Offen., 10 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3621345	A1	19870122	DE 1986-3621345	19860626
	DE 3621345	C2	19960307		
	CH 669956	A	19890428	CH 1986-2537	19860624
	CH 682198	A3	19930813	CH 1988-4683	19860624
	CH 682198	B	19940215		
	FR 2584735	A1	19870116	FR 1986-10034	19860708
	FR 2584735	B1	19940107		
	BE 905076	A1	19870109	BE 1986-11516	19860709
	GB 2177720	A1	19870128	GB 1986-16709	19860709
	GB 2177720	B2	19880914		
	NL 8601790	A	19870202	NL 1986-1790	19860709
	NL 191369	B	19950116		
	NL 191369	C	19950616		
	US 4743660	A	19880510	US 1986-884164	19860710
	CA 1284148	A1	19910514	CA 1986-513491	19860710
	JP 62026257	A2	19870204	JP 1986-162159	19860711
	JP 07059540	B4	19950628		
	ZA 8605222	A	19880224	ZA 1986-5222	19860711
	ES 2002468	A6	19880816	ES 1986-249	19860711
	AT 8601881	A	19940415	AT 1986-1881	19860711

	US 4885325	A	19891205	<u>US 1988-186280</u>	19880426
PRAI	<u>DE 1985-3525116</u>		19850713		
	CH 1986-2537		19860624		
	<u>US 1986-884164</u>		19860710		

L20 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1984:140463 CAPLUS
 DN 100:140463
 TI Laminated films for use as an agricultural covering
 PA Mitsui Toatsu Chemicals, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 58160146</u>	A2	19830922	<u>JP 1982-42983</u>	19820319
	JP 63065026	B4	19881214		
PRAI	<u>JP 1982-42983</u>		19820319		

L20 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1976:151426 CAPLUS
 DN 84:151426
 TI Porous solids consisting of crosslinked urea-formaldehyde polycondensation products
 IN Renner, Alfred
 PA Ciba-Geigy A.-G., Switz.
 SO U.S., 5 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>US 3931063</u>	A	19760106	<u>US 1974-451380</u>	19740314
PRAI	<u>US 1970-65329</u>		19700819		
	<u>US 1973-383696</u>		19730730		

=>

FILE LAST UPDATED: 9 Nov 2004 (20041109/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 115 and chloride.
212 L15
1008502 CHLORIDE
L21 93 L15 AND CHLORIDE

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
2.26	241.22

FILE 'REGISTRY' ENTERED AT 11:10:28 ON 10 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9
DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d 121 1-20
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N

L21 ANSWER 1 OF 93 CAPLUS COPYRIGHT 2004 ACS

Full Text	Citing References
AN 2004:466715 CAPLUS	
DN 141:28229	
TI Cosmetic cleansing compositions for skin and hair containing ammonium alkylamide derivatives	
IN Liebelt, Wibke; Jung, Lars; Goddinger, Dieter	
PA Hans Schwarzkopf G.m.b.H. & Co. K.-G., Germany	
SO Ger. Offen., 18 pp.	
CODEN: GWXXBX	
DT Patent	
LA German	
FAN.CNT 1	

3700.32
↓
538.32

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI DE 10309180	A1	20040609	DE 2003-10309180	20030228
PRAI DE 2003-10309180		20030228		
OS MARPAT 141:28229				

L21 ANSWER 2 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
-----------	-------------------

AN 2004:450595 CAPLUS
 DN 141:28224
 TI Cationic nanoemulsions for cosmetics
 IN Dubief, Claude; Fack, Geraldine; Nicolas, Morgantini Luc; Restle, Serge
 PA L'oreal, Fr.
 SO Fr. Demande, 28 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2847831	A1	20040604	FR 2002-15080	20021129
	EP 1430867	A1	20040623	EP 2003-292766	20031105
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2004151746	A1	20040805	US 2003-717626	20031121
PRAI	FR 2002-15080	A	20021129		
	US 2002-432635P	P	20021212		
OS	MARPAT 141:28224				

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 3 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
-----------	-------------------

AN 2004:331952 CAPLUS
 DN 140:344501
 TI Hair conditioning compositions comprising thickening polymers and cationic surfactants
 IN Kahn, Golam Faruque
 PA The Procter & Gamble Company, USA
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004032887	A1	20040422	WO 2003-US32013	20031008
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004076595	A1	20040422	US 2003-683830	20031010
PRAI	US 2002-417710P	P	20021010		
	US 2003-476706P	P	20030606		

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 4 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
-----------	-------------------

AN 2004:217196 CAPLUS
 DN 140:230947
 TI Nonirritating biodegradable hydrolysis-resistant antibacterial agents, their compositions, and their use for detergents and lubricants for conveyors

IN Tsushima, Yasuhiro; Watanabe, Noriko; Beppu, Koji; Shirai, Hiroaki
 PA Asahi Denka Kogyo K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 25 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2004083562	A2	20040318	JP 2003-117581	20030422
PRAI	JP 2002-194334	A	20020703		
OS	MARPAT 140:230947				

L21 ANSWER 5 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:1007116 CAPLUS
 DN 140:54446
 TI Delivery of DNA to cells with DNA-cationic surfactant and DNA-cationic surfactant-amphipathic compound complexes
 IN Sean, Monahan; Nader, Lisa; Wolff, Jon A.; Budker, Vladimir G.; Hagstrom, James E.
 PA Mirus Corporation, USA
 SO PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003106636	A2	20031224	WO 2003-US18759	20030616
	WO 2003106636	A3	20040304		
	W: JP				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	US 2003235916	A1	20031225	US 2003-462138	20030616
PRAI	US 2002-388685P	P	20020614		
	US 2003-462138	A	20030616		

L21 ANSWER 6 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:924103 CAPLUS
 DN 140:183608
 TI 2-(Acylamino)ethyltrimethylammonium **chloride** surfactants: synthesis and properties of aqueous solutions
 AU Shimizu, Susana; El Seoud, Omar A.
 CS Instituto de Quimica, Universidade de Sao Paulo, Sao Paulo, 05513-970, Brazil
 SO Colloid and Polymer Science (2003), 282(1), 21-31
 CODEN: CPMSB6; ISSN: 0303-402X
 PB Springer-Verlag
 DT Journal
 LA English
 RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 7 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:809312 CAPLUS
 DN 139:311935
 TI Cosmetic base compositions and cosmetic products containing biodegradable quaternary ammonium salts
 IN Yajima, Toshio; Ogawa, Kenji; Wakui, Kazuo; Koyama, Takashi
 PA Lion Corp., Japan; Lion Akzo Co., Ltd.
 SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003292412	A2	20031015	JP 2002-102476	20020404
PRAI	JP 2002-102476		20020404		
OS	MARPAT 139:311935				

L21 ANSWER 8 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:767372 CAPLUS
DN 139:397185
TI 1H and 13C NMR Study on the Aggregation of (2-Acylaminoethyl)trimethylammonium **Chloride** Surfactants in D2O
AU Shimizu, Susana; Pires, Paulo Augusto R.; El Seoud, Omar A.
CS Instituto de Quimica, Universidade de Sao Paulo, Sao Paulo, 05513-970, Brazil
SO Langmuir (2003), 19(23), 9645-9652
CODEN: LANGD5; ISSN: 0743-7463
PB American Chemical Society
DT Journal
LA English
RE.CNT 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 9 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:412032 CAPLUS
DN 139:8465
TI Softening agent compositions imparting wrinkle prevention effect on clothing
IN Hayashi, Hiromitsu; Ushio, Noriaki; Tagata, Shuji
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003155667	A2	20030530	JP 2001-355902	20011121
PRAI	JP 2001-355902		20011121		
OS	MARPAT 139:8465				

L21 ANSWER 10 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:58132 CAPLUS
DN 138:108335
TI Hydrophobic cationic dispersions stabilized by low-molecular-weight maleimide copolymers which are associated with cationic surfactants and the applications thereof in relation to coatings and paper sizing
IN Dumousseaux, Christophe; Duque, Baudouin; Pauly, Francois-Xavier; Verge, Christophe
PA ATOFINA, Fr.
SO PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003006511	A2	20030123	WO 2002-FR2466	20020711

WO 2003006511 A3 20030925
 WO 2003006511 B1 20031106
 W: AU, BR, CA, CN, JP, KR, MX, US
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT,
 LU, MC, NL, PT, SE, SK, TR
 FR 2827293 A1 20030117 FR 2001-9279 20010712
 EP 1409556 A2 20040421 EP 2002-784865 20020711
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI, CY, TR, BG, CZ, EE, SK
 PRAI FR 2001-9279 A 20010712
 WO 2002-FR2466 W 20020711

L21 ANSWER 11 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:15680 CAPLUS
 DN 138:75135
 TI Fabric deodorants and their application method
 IN Hayashi, Hiromitsu; Yamaguchi, Noriko; Tagata, Shuji
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003003371	A2	20030108	JP 2001-190779	20010625
PRAI	JP 2001-190779		20010625		
OS	MARPAT 138:75135				

L21 ANSWER 12 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:944531 CAPLUS
 DN 138:14862
 TI Softener composition
 IN Ushio, Noriaki; Yamamoto, Atsushi; Tagata, Shuji
 PA Kao Corporation, Japan
 SO Eur. Pat. Appl., 24 pp.
 CODEN: EPXXDW

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1264874	A1	20021211	EP 2002-12375	20020606
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2003060389	A1	20030327	US 2002-162877	20020606
	JP 2003155668	A2	20030530	JP 2002-167184	20020607
PRAI	JP 2001-174057	A	20010608		
	JP 2001-271594	A	20010907		
OS	MARPAT 138:14862				

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 13 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:901580 CAPLUS
 DN 138:9611
 TI Method of forming nonspherical electrophotographic toner containing
 tetraphenylphosphate quaternary ammonium salt charge-controlling agent
 IN Ezenylimba, Matthew C.; Wilson, John C.; McGrath, Gretchen S.
 PA Heidelberger Druckmaschinen AG, Germany; Nexpress Solutions LLC
 SO Jpn. Kokai Tokkyo Koho, 18 pp.

CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002341593	A2	20021127	JP 2002-66983	20020312
	US 2003008227	A1	20030109	US 2001-814899	20010322
	US 2003224280	A1	20031204	US 2003-414394	20030415
PRAI	US 2001-814899	A	20010322		
OS	MARPAT 138:9611				

L21 ANSWER 14 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:885968 CAPLUS
DN 137:374991
TI Hair conditioning composition containing a mixture of fatty alcohols
IN Mueller, Rainer
PA L'Oreal, Fr.
SO Eur. Pat. Appl., 15 pp.
CODEN: EPXXDW

DT Patent
LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1258236	A1	20021120	EP 2002-291125	20020503
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	FR 2824732	A1	20021122	FR 2001-6383	20010515
	FR 2824732	B1	20030822		
	US 2003003073	A1	20030102	US 2002-143764	20020514
	JP 2002363040	A2	20021218	JP 2002-140176	20020515
PRAI	FR 2001-6383	A	20010515		
OS	MARPAT 137:374991				

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 15 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:844254 CAPLUS
DN 138:226353
TI Nonaqueous hair styling compositions containing polymers
IN Cincotta, Joseph J.; Coppola, Linda
PA USA
SO U.S. Pat. Appl. Publ., 20 pp.
CODEN: USXXCO

DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002155962	A1	20021024	US 2001-764942	20010117
	US 2002155962	A1	20021024	US 2001-764942	20010117
	US 6706674	B2	20040316		
PRAI	US 2001-764942	A	20010117		

L21 ANSWER 16 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:777676 CAPLUS
DN 137:299526
TI Cosmetic compositions containing a starch phosphate and a cationic polymer and uses thereof
IN Fack, Geraldine; Pourille-Grethen, Chrystel; Restle, Serge

PA L'oreal, Fr.
SO PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002078654	A1	20021010	WO 2002-FR1113	20020329
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
FR 2822683	A1	20021004	FR 2001-4387	20010330
EP 1379215	A1	20040114	EP 2002-757747	20020329
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004527521	T2	20040909	JP 2002-576921	20020329
US 2004105833	A1	20040603	US 2003-473431	20030930
FR 2001-4387	A	20010330		
WO 2002-FR1113	W	20020329		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 17 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:591658 CAPLUS
DN 137:145186
TI Hair conditioner comprising diquarternary silicon polymers
IN Aeby, Johann; Irrgang, Bernhard; Mager, Herbert; Pasquier, Gilbert; Romanens, Emmanuel
PA Wella Aktiengesellschaft, Germany
SO Eur. Pat. Appl., 13 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1228748	A1	20020807	EP 2001-129158	20011208
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
DE 10104033	A1	20020814	DE 2001-10104033	20010131
JP 2002226332	A2	20020814	JP 2002-14280	20020123
US 2002146381	A1	20021010	US 2002-56307	20020124
US 6696052	B2	20040224		
PRAI DE 2001-10104033	A	20010131		
OS MARPAT 137:145186				

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 18 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:539493 CAPLUS
DN 137:98628
TI Cosmetic compositions containing a fructan and a cationic polymer and their uses
IN Fack, Geraldine; Pourille-Grethen, Chrystel; Restle, Serge

PA L'Oreal, Fr.
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002055036	A2	20020718	WO 2002-FR108	20020111
	WO 2002055036	A3	20020926		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	FR 2819404	A1	20020719	FR 2001-410	20010112
	EP 1353634	A2	20031022	EP 2002-711942	20020111
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2004105832	A1	20040603	US 2003-466138	20031229
PRAI	FR 2001-410	A	20010112		
	WO 2002-FR108	W	20020111		

L21 ANSWER 19 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:539492 CAPLUS
DN 137:114204
TI Cosmetic composition containing one particular soluble conditioning agent and one amphiphilic polymer
IN Fack, Geraldine; Restle, Serge
PA L'Oreal, Fr.
SO PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002055035	A1	20020718	WO 2002-FR106	20020111
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	FR 2819177	A1	20020712	FR 2001-332	20010111
	FR 2819177	B1	20030221		
	EP 1353632	A1	20031022	EP 2002-710982	20020111
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	FR 2001-332	A	20010111		
	WO 2002-FR106	W	20020111		
OS	MARPAT 137:114204				

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 20 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 2002:521430 CAPLUS
DN 137:98625
TI Transparent oil-in-water cosmetic emulsions containing volatile silicones, surfactants, and polyols
IN Fack, Geraldine; Gawtre, Jonathan; Nicolas-Morgantini, Luc; Restle, Serge
PA L'Oreal, Fr.
SO PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053113	A1	20020711	WO 2002-FR4	20020102
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	FR 2818902	A1	20020705	FR 2001-15	20010102
	FR 2818902	B1	20040903		
	FR 2818903	A1	20020705	FR 2001-8759	20010702
	EP 1347738	A1	20031001	EP 2002-711916	20020102
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2004526689	T2	20040902	JP 2002-554064	20020102
	US 2004091437	A1	20040513	US 2003-250369	20031218
PRAI	FR 2001-15	A	20010102		
	FR 2001-8759	A	20010702		
	WO 2002-FR4	W	20020102		

OS MARPAT 137:98625

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 121 21-40

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L21 ANSWER 21 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 2002:521429 CAPLUS
DN 137:83392
TI Cosmetic composition comprising a volatile silicone, a silicone surfactant, and a cationic surfactant
IN Fack, Geraldine; Gawtre, Jonathan; Nicolas-Morgantini, Luc; Restle, Serge
PA L'Oreal, Fr.
SO PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053112	A1	20020711	WO 2002-FR3	20020102
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
 RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

FR 2818902 A1 20020705 FR 2001-15 20010102
 FR 2818902 B1 20040903
 EP 1347737 A1 20031001 EP 2002-710936 20020102
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2004526688 T2 20040902 JP 2002-554063 20020102
 US 2004096416 A1 20040520 US 2003-250362 20031205
 PRAI FR 2001-15 A 20010102
 WO 2002-FR3 W 20020102

OS MARPAT 137:83392

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 22 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
 Text References

AN 2002:516618 CAPLUS
 DN 137:85907
 TI Method for forming toner particles having controlled morphology and
 containing a quaternary ammonium tetraphenylborate and a polymeric
 phosphonium salt
 IN Wilson, John C.; Ezenyilimba, Matthew C.; McGrath, Gretchen S.
 PA Heidelberg Digital L.L.C., USA
 SO U.S., 12 pp.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6416921	B1	20020709	US 2001-814923	20010322
JP 2002365848	A2	20021218	JP 2002-66982	20020312
PRAI US 2001-814923	A	20010322		

OS MARPAT 137:85907

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 23 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
 Text References

AN 2002:516419 CAPLUS
 DN 137:80665
 TI Fabric softener composition for laundry use
 IN Ushio, Noriaki; Sakaguchi, Akira; Tagata, Shuji
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002194668	A2	20020710	JP 2000-397795	20001227
PRAI JP 2000-318889	A	20001019		

OS MARPAT 137:80665

L21 ANSWER 24 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
 Text References

AN 2002:480259 CAPLUS

DN 137:48907
 TI Laundry detergents for easy recovery of faded color
 IN Yamada, Isao; Inoue, Akihiro; Tsukiyama, Yoichi; Ogura, Nobuyuki
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002180092	A2	20020626	JP 2000-374366	20001208
PRAI	JP 2000-374366		20001208		

L21 ANSWER 25 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:129405 CAPLUS
 DN 136:185289
 TI Recovery of the faded color of garments by treating the faded garments with aqueous mixtures containing water-insoluble polymers and surfactants
 IN Yamada, Isao; Inoue, Akihiro; Tsukiyama, Yoichi; Ogura, Nobuyuki
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002054074	A2	20020219	JP 2001-155036	20010524
PRAI	JP 2000-154527	A	20000525		

L21 ANSWER 26 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:59177 CAPLUS
 DN 136:212050
 TI The red blood cell test predicting the eye irritation potential of surfactants
 AU Borgmann-Strahsen, Renate; Denzer, Horst; Domsch, Andreas; Drechsel, Peter; Hensen, Hermann; Irrgang, Bernhard; Martin, Volker; Pape, Wolfgang; Pfannenbecker, Uwe; Siebert, Joerg; Steiling, Winfried; Turowski-Wanke, Angelika; Ungeheuer, Peter; Wollenweber, Ute; Zimmermann, Frank
 CS Akzo Nobel, Germany
 SO World Surfactants Congress, 5th, Firenze, Italy, May 29-June 2, 2000 (2000), 1524-1533 Publisher: Comite Europeen des Agents de Surface et leurs Intermediaires Organiques, Brussels, Belg.
 CODEN: 69BYUW

DT Conference; (computer optical disk)
 LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 27 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:868767 CAPLUS
 DN 136:8146
 TI Color-recovering agents for faded clothes
 IN Yamada, Isao; Inoue, Norihiro; Tsukiyama, Yoichi
 PA Kao Corporation, Japan
 SO PCT Int. Appl., 28 pp.
 CODEN: PIXXD2

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001090477	A1	20011129	WO 2001-JP4365	20010524
	W: CN, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	JP 2001336070	A2	20011207	JP 2000-154525	20000525
	JP 2001336069	A2	20011207	JP 2000-154526	20000525
	EP 1291461	A1	20030312	EP 2001-932248	20010524
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	US 2003141489	A1	20030731	US 2002-239569	20021213
PRAI	JP 2000-154525	A	20000525		
	JP 2000-154526	A	20000525		
	WO 2001-JP4365	W	20010524		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 28 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:666676 CAPLUS
DN 135:231512
TI Hair treatment composition containing quaternary ammonium salts
IN Oota, Atsushi; Wakahara, Yoshiyuki; Sato, Shin; Kasai, Masahiro
PA Sanyo Chemical Industries Ltd., Japan
SO U.S., 20 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6287547	B1	20010911	US 1999-417010	19991012
PRAI	US 1999-417010		19991012		
OS	MARPAT 135:231512				

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 29 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:581677 CAPLUS
DN 135:170470
TI Clear microemulsions containing quaternary ammonium salts for use in hair conditioner formulations
IN Dalrymple, Damon M.; Manning, Monna
PA Goldschmidt Chemical Co., USA
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001056537	A1	20010809	WO 2001-US639	20010110
	W: AU, CA, JP, PL				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	US 2001053374	A1	20011220	US 2000-497462	20000203
	EP 1251820	A1	20021030	EP 2001-901906	20010110
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
PRAI	US 2000-497462	A	20000203		
	WO 2001-US639	W	20010110		
OS	MARPAT 135:170470				

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 30 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 2001:578597 CAPLUS

DN 135:124156

TI Bactericide combinations in detergents

IN Elsmore, Richard; Houghton, Mark Phillip

PA Robert McBride Ltd., UK

SO Brit. UK Pat. Appl., 53 pp.

CODEN: BAXXDU

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2354771	A1	20010404	GB 1999-23253	19991001
PRAI	GB 1999-23253		19991001		

L21 ANSWER 31 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 2001:551307 CAPLUS

DN 135:293929

TI A Survey of Structure-Property Relationships of Surfaces that Resist the Adsorption of Protein

AU Ostuni, Emanuele; Chapman, Robert G.; Holmlin, R. Erik; Takayama, Shuichi; Whitesides, George M.

CS Department of Chemistry and Chemical Biology, Harvard University, Cambridge, MA, 02138, USA

SO Langmuir (2001), 17(18), 5605-5620

CODEN: LANGD5; ISSN: 0743-7463

PB American Chemical Society

DT Journal

LA English

RE.CNT 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 32 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 2001:397813 CAPLUS

DN 134:374037

TI Hard carrier particles coated with a polymer resin and a conductive material

IN Tyagi, Dinesh; Diprima, Donna A.; Anderson, James H.

PA USA

SO U.S. Pat. Appl. Publ., 10 pp., Cont.-in-part of U.S. Ser. No. 649,384, abandoned.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2001002306	A1	20010531	US 1998-96985	19980612
	US 6627370	B2	20030930		
PRAI	US 1996-649384	B2	19960517		
OS	MARPAT 134:374037				

L21 ANSWER 33 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 2001:315674 CAPLUS

DN 134:316095

TI Germicidal composition based on undecylenic acid derivatives
 IN Larios Garcia, Jose
 PA Spain
 SO Span., 11 pp.
 CODEN: SPXXAD
 DT Patent
 LA Spanish
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	ES 2141678	A1	20000316	ES 1998-640	19980325
	ES 2141678	B1	20001101		
PRAI	ES 1998-640		19980325		

L21 ANSWER 34 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:185872 CAPLUS
 DN 134:239963
 TI Water-based oil well drilling fluids containing quaternary ammonium cationic surfactants as thickening and gelation agents
 IN Subramanian, Shankar; Islam, Mojahedul; Burgazli, Cent R.
 PA Crompton Corp., USA
 SO PCT Int. Appl., 39 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

*Applicants
over*

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001018147	A1	20010315	WO 2000-US24142	20000901
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1212385	A1	20020612	EP 2000-959792	20000901
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI	US 1999-152662P	P	19990907		
	WO 2000-US24142	W	20000901		

OS MARPAT 134:239963

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 35 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:124162 CAPLUS
 DN 134:180331
 TI Quaternary ammonium salts useful for softening agents
 IN Otawa, Yasunori; Kato, Toru; Tomifuji, Takeshi
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 13 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001048851	A2	20010220	JP 1999-224453	19990806
PRAI	JP 1999-224453		19990806		

OS MARPAT 134:180331

L21 ANSWER 36 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2000:409001 CAPLUS
 DN 133:45254
 TI Quaternary ammonium compound-based foaming agents
 IN Tetsu, Makio; Terasaki, Hiroyuki; Sakai, Takaya; Kubo, Makoto; Fujii, Akira
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000169886	A2	20000620	JP 1998-353204	19981211
PRAI	JP 1998-353204		19981211		
OS	MARPAT 133:45254				

L21 ANSWER 37 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2000:344434 CAPLUS
 DN 132:352503
 TI Hair preparations containing biodegradable cationic surfactants
 IN Terasaki, Hiroyuki; Tetsu, Makio; Nakashimada, Atsushi; Kubo, Makoto; Sakai, Takanari; Fujii, Akira
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000143459	A2	20000523	JP 1998-320374	19981111
PRAI	JP 1998-320374		19981111		
OS	MARPAT 132:352503				

L21 ANSWER 38 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2000:121812 CAPLUS
 DN 132:170846
 TI Shampoos containing arginine salts and cationic surfactants
 IN Shimada, Masahiko; Nakamura, Hiroyuki
 PA Nippon Oil and Fats Co., Ltd., Japan; Ajinomoto Co., Inc.
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000053540	A2	20000222	JP 1998-220750	19980804
PRAI	JP 1998-220750		19980804		
OS	MARPAT 132:170846				

L21 ANSWER 39 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1999:794201 CAPLUS
 DN 132:40320
 TI Deodorant and/or antiperspirant cosmetic compositions

IN Genova, Calogero; Montesion, Filippo; Bozzeda, Edy; Deiana, Laura
 PA Condea Augusta S.p.A., Italy
 SO U.S., 11 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6001341	A	19991214	US 1997-861084	19970521
PRAI	IT 1996-MI1017		19960521		
OS	MARPAT 132:40320				

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 40 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1999:736449 CAPLUS
 DN 131:341779
 TI Clear personal care formulations containing quaternary ammonium compounds and other nitrogen-containing compounds
 IN Dalrymple, Damon M.; Manning, Monna; Merz, Frank
 PA Witco Corp., USA; Witco Surfactants G.m.b.H.
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9958106	A1	19991118	WO 1999-US10405	19990512
	W: CA, ID, JP, KR, SG, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2331668	AA	19991118	CA 1999-2331668	19990512
	EP 1076554	A1	20010221	EP 1999-924193	19990512
	EP 1076554	B1	20041013		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, FI				
	JP 2002514586	T2	20020521	JP 2000-547958	19990512
	US 6329353	B1	20011211	US 1999-438694	19991111
	US 2002064510	A1	20020530	US 2001-1123	20011019
	US 6525034	B2	20030225		
PRAI	US 1998-76655	A	19980512		
	WO 1999-US10405	W	19990512		
	US 1999-438694	A3	19991111		
OS	MARPAT 131:341779				

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.42	287.02

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 11:13:50 ON 10 NOV 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Nov 2004 VOL 141 ISS 20
FILE LAST UPDATED: 9 Nov 2004 (20041109/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 121 41-60

L21 ANSWER 41 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1999:556907 CAPLUS
DN 131:171914
TI Aqueous compositions containing peracid precursors stabilized by cationic surfactants and cleaning method with good bleaching effects for removal of molds
IN Aihara, Noboru; Hanai, Junya; Yamada, Hiroyuki; Tsukuda, Kazunori; Kubo, Makoto
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11236596	A2	19990831	JP 1998-215605	19980730
PRAI	JP 1997-347509		19971217		
OS	MARPAT 131:171914				

L21 ANSWER 42 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:771175 CAPLUS
DN 130:85898
TI Conditioning shampoos containing anionic and cationic surfactant combinations
IN Nakamura, Hiroyuki; Shimada, Masahiko; Takeuchi, Kyu; Ujihara, Masaki
PA Nippon Oil and Fats Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 21 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10316544	A2	19981202	JP 1997-139399	19970514
PRAI	JP 1997-139399		19970514		
OS	MARPAT 130:85898				

L21 ANSWER 43 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:706011 CAPLUS
DN 129:320948
TI Body and hair cleansing compositions containing an antifungal and a cationic agent
IN Embrechts, Roger Carolus Augusta; Odds, Frank Christopher; De Doncker, Piet R. G.
PA Janssen Pharmaceutica N.V., Belg.

SO Eur. Pat. Appl., 12 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 872230	A1	19981021	EP 1997-201102	19970414
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	CA 2272366	AA	19981022	CA 1998-2272366	19980407
	AU 9875244	A1	19981111	AU 1998-75244	19980407
	AU 726833	B2	20001123		
	EP 963195	A1	19991215	EP 1998-922695	19980407
	EP 963195	B1	20020717		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
	NZ 335700	A	20001222	NZ 1998-335700	19980407
	JP 2001518907	T2	20011016	JP 1998-543481	19980407
	AT 220537	E	20020815	AT 1998-922695	19980407
	ES 2180172	T3	20030201	ES 1998-922695	19980407
	IL 130089	A1	20040104	IL 1998-130089	19980407
	ZA 9803061	A	19991011	ZA 1998-3061	19980409
	NO 9902214	A	19991004	NO 1999-2214	19990506
	US 6207142	B1	20010327	US 1999-403057	19991013
	HK 1023058	A1	20021011	HK 2000-101956	20000330
	US 2001006981	A1	20010705	US 2001-771282	20010126
	US 6514490	B2	20030204		
PRAI	EP 1997-201102	A	19970414		
	WO 1998-EP2144	W	19980407		
	US 1999-403057	A1	19991013		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 44 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:635427 CAPLUS

DN 129:304029

TI Softeners for fabrics without loss of hygroscopicity of fabrics

IN Imada, Hiroshi; Imai, Hiroto; Fujiwara, Masami

PA Lion Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10259574	A2	19980929	JP 1997-84531	19970317
PRAI	JP 1997-84531		19970317		
OS	MARPAT 129:304029				

L21 ANSWER 45 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:579921 CAPLUS

DN 129:237730

TI Process for manufacture of optical recording medium

IN Kondo, Hirofumi; Tanaka, Tomiji; Shimata, Junko; Takeuchi, Atsushi

PA Sony Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10233039	A2	19980902	JP 1997-35268	19970219
PRAI	JP 1997-35268		19970219		

L21 ANSWER 46 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:204374 CAPLUS
 DN 128:299337
 TI Liquid cleaning compositions
 IN Yasumasu, Tomoko; Nlagashima, Hiromi; Matsuo, Takao; Nakagawa, Ryuichi
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10081900	A2	19980331	JP 1996-261459	19960910
PRAI	JP 1996-204233		19960715		
OS	MARPAT 128:299337				

L21 ANSWER 47 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:25515 CAPLUS
 DN 128:142396
 TI Liquid detergent compositions with good foaming properties and low temperature stability
 IN Yasumasu, Kazuko; Nakagawa, Ryuichi; Nogashima, Hiromi; Matsuo, Takao; Sakatani, Takenobu
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10001693	A2	19980106	JP 1996-174269	19960613
PRAI	JP 1996-174269		19960613		
OS	MARPAT 128:142396				

L21 ANSWER 48 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:8727 CAPLUS
 DN 128:89598
 TI Antistatic acrylic resin compositions preventing deterioration of transparency
 IN Nakayama, Yutaka; Kaku, Hideyuki; Hotta, Hiroshi
 PA Daiichi Kogyo Seiyaku Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09328597	A2	19971222	JP 1996-151093	19960612
PRAI	JP 1996-151093		19960612		
OS	MARPAT 128:89598				

L21 ANSWER 49 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1997:805799 CAPLUS
 DN 128:49535
 TI Highly tintable, abrasion-resistant coating compositions
 IN Ho, Tuan H.; Tilley, Mark G.; Sollberger, Mark S.
 PA SDC Coatings, Inc., USA
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9745498	A1	19971204	WO 1997-US7852	19970508
	W: AU, CN, IL, JP, KR, NZ, SG, VN				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9728331	A1	19980105	AU 1997-28331	19970508
	ZA 9704475	A	19971229	ZA 1997-4475	19970522
PRAI	US 1996-654567	A	19960529		
	WO 1997-US7852	W	19970508		
OS	MARPAT 128:49535				

L21 ANSWER 50 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1997:754505 CAPLUS
 DN 128:63235
 TI Liquid detergent compositions with good stability at low temperature and good foamability
 IN Yasumasu, Tomoko; Nakagawa, Ryuichi; Nagashima, Hiromi; Matsuo, Takao; Sakatani, Takenobu
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09302382	A2	19971125	JP 1996-139469	19960509
PRAI	JP 1996-139469		19960509		
OS	MARPAT 128:63235				

L21 ANSWER 51 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1997:650848 CAPLUS
 DN 127:333128
 TI Laundry detergent compositions showing fabric-softening effects without yellowing of fabrics
 IN Tamura, Masaru; Ono, Masako; Watanabe, Toshiyuki
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09255988	A2	19970930	JP 1996-93643	19960322
PRAI	JP 1996-93643		19960322		
OS	MARPAT 127:333128				

L21 ANSWER 52 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1997:335109 CAPLUS
 DN 126:306560
 TI Liquid laundry detergents containing selected alkylamidoalkyl quaternary ammonium compounds
 IN Randall, Sherri L.; Sivik, Mark R.; Hartman, Frederick Anthony
 PA Procter & Gamble Company, USA
 SO PCT Int. Appl., 19 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9712020	A1	19970403	WO 1996-US15578	19960927
	W: BR, CA, CN, JP, MX, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2233332	AA	19970403	CA 1996-2233332	19960927
	CA 2233332	C	20020101		
	EP 876453	A1	19981111	EP 1996-936038	19960927
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	BR 9610672	A	19990706	BR 1996-10672	19960927
	JP 11512769	T2	19991102	JP 1996-513712	19960927
PRAI	US 1995-4546P	P	19950929		
	WO 1996-US15578	W	19960927		
OS	MARPAT 126:306560				

L21 ANSWER 53 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1996:128502 CAPLUS
 DN 124:246408
 TI Positively charging electrostatographic liquid developer and image formation using it
 IN Matsuoka, Hirotaka; Kobayashi, Takako; Hashimoto, Takeshi
 PA Fuji Xerox Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 18 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07325434	A2	19951212	JP 1994-137823	19940530
	JP 3575061	B2	20041006		
	US 5622804	A	19970422	US 1995-421871	19950414
	US 5723250	A	19980303	US 1997-778360	19970102
PRAI	JP 1994-137822	A	19940530		
	JP 1994-137823	A	19940530		
	US 1995-421871	A3	19950414		
OS	MARPAT 124:246408				

L21 ANSWER 54 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1995:995707 CAPLUS
 DN 124:90275
 TI Production of copper phthalocyanine and its use in inks
 IN Hikosaka, Michichika; Coispeau, Gerard
 PA Toyo Ink Manufacturing Co., Ltd., Japan; Francolor Pigments S.A.
 SO Eur. Pat. Appl., 7 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
--	------------	------	------	-----------------	------

PI EP 679694 A2 19951102 EP 1995-302941 19950428
 EP 679694 A3 19971119
 EP 679694 B1 20010905
 R: CH, DE, FR, GB, IT, LI
 JP 08034930 A2 19960206 JP 1994-113927 19940428
 JP 3071634 B2 20000731
 PRAI JP 1994-113927 A 19940428
 OS CASREACT 124:90275

L21 ANSWER 55 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References
 AN 1995:769568 CAPLUS
 DN 124:37325
 TI Chemistry and application of undecylenic acid and derivatives thereof for cosmetics
 AU Domsch, Andreas
 CS REWO Chem. Werke G.m.b.H., Steinau, D-36392, Germany
 SO SOFW Journal (1994), 120(6), 322-3, 326-9
 CODEN: SOFJEE; ISSN: 0942-7694
 PB Verlag fuer Chemische Industrie H. Ziolkowsky
 DT Journal
 LA English

L21 ANSWER 56 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References
 AN 1995:746245 CAPLUS
 DN 123:129603
 TI Making bubble- and foreign particle-free electrically conductive polyurethane elastomers
 IN Schlueter, Edward L., Jr.; Smith, James F.
 PA Xerox Corp., USA
 SO Eur. Pat. Appl., 12 pp
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 657896	A1	19950614	EP 1994-119621	19941212
	EP 657896	B1	20030326		
	R: DE, FR, GB				
	US 5454980	A	19951003	US 1993-165792	19931213
	JP 07238219	A2	19950912	JP 1994-304691	19941208
PRAI	US 1993-165792	A	19931213		

L21 ANSWER 57 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References
 AN 1995:687188 CAPLUS
 DN 123:146572
 TI Poly(vinyl alcohol) fibers for industrial materials and their manufacture
 IN Sano, Hirofumi; Yoshimochi, Toshimi; Kobayashi, Satoru; Sano, Tomoyuki
 PA Kuraray Co, Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07102414	A2	19950418	JP 1993-248241	19931004
PRAI	JP 1993-248241		19931004		

L21 ANSWER 58 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1995:339583 CAPLUS
 DN 122:293312
 TI Fatigue-resistant poly(vinyl alcohol)-type fibers and manufacture
 IN Sano, Hirofumi; Yoshimochi, Toshimi; Sato, Masahiro; Sano, Tomoyuki
 PA Kuraray Co, Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06299408	A2	19941025	JP 1993-84645	19930412
	JP 3183483	B2	20010709		
PRAI	JP 1993-84645		19930412		

L21 ANSWER 59 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1994:541232 CAPLUS
 DN 121:141232
 TI Protective medical glove and antibacterial/antiperspirant composition for reducing bacterial growth during use of medical gloves
 IN Buchanan, Jonnie; Dees, Harry C., Jr.
 PA Buchanan, Inc., USA
 SO PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9412115	A1	19940609	WO 1993-US11317	19931122
	W: CA, US				
PRAI	US 1992-984178	A	19921120		

L21 ANSWER 60 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1994:19240 CAPLUS
 DN 120:19240
 TI Manufacture of positively charging electrophotographic toners
 IN Tsujihiro, Masaki
 PA Mita Industrial Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05134458	A2	19930528	JP 1991-300664	19911115
PRAI	JP 1991-300664		19911115		

=> d 121 61-80

L21 ANSWER 61 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1993:472255 CAPLUS
 DN 119:72255
 TI Preparation of alkanamidoammonium compounds as hair growers
 IN Yokomori, Sadakazu; Takahashi, Yuki; Misawa, Yoko; Matsumoto, Taro; Hatayama, Katsuo

PA Taisho Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9303005	A1	19930218	WO 1992-JP1014	19920807
	W: AU, CA, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	JP 05043529	A2	19930223	JP 1991-287374	19910810
	AU 9224027	A1	19930302	AU 1992-24027	19920807
	AU 656625	B2	19950209		
	CN 1082534	A	19940223	CN 1993-101376	19930210
PRAI	JP 1991-287374		19910810		
	WO 1992-JP1014		19920807		
OS	MARPAT 119:72255				

L21 ANSWER 62 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1993:175894 CAPLUS
 DN 118:175894
 TI Preparation of quaternary ammonium iodides as disinfectants for hospitals
 IN Garcia Nunez, Maria Rosalia
 PA Spain
 SO PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DT Patent
 LA Spanish
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9300813	A1	19930121	WO 1992-ES51	19920703
	W: JP, RU				
	ES 2037592	A1	19930616	ES 1991-1563	19910703
	ES 2037592	B1	19940201		
	AU 9219401	A1	19930311	AU 1992-19401	19920702
	AU 650350	B2	19940616		
	EP 534887	A1	19930331	EP 1992-500084	19920702
	EP 534887	B1	19961009		
	R: AT, BE, CH, DE, DK, FR, GB, GR, IT, LI, LI, LU, MC, NL, PT, SE				
	AT 143766	E	19961015	AT 1992-500084	19920702
	CA 2073094	AA	19930104	CA 1992-2073094	19920703
	CA 2073094	C	20020528		
	CN 1070083	A	19930324	CN 1992-109200	19920703
	CN 1045362	B	19991006		
	ZA 9204979	A	19930428	ZA 1992-4979	19920703
	JP 06501495	T2	19940217	JP 1993-501986	19920703
	JP 3167724	B2	20010521		
	IN 178387	A	19970419	IN 1992-DE581	19920703
	IL 102400	A1	19980310	IL 1992-102400	19920703
	RU 2128521	C1	19990410	RU 1993-5225	19930302
PRAI	ES 1991-1563	U	19910703		
	WO 1992-ES51	W	19920703		
OS	MARPAT 118:175894				

L21 ANSWER 63 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1993:131746 CAPLUS
 DN 118:131746
 TI Shampoos containing cationic and anionic surfactants to impart improved hair conditioning properties
 IN Duffy, Michele; Bergmann, Wolfgang

PA Curtis, Helene, Inc., USA
 SO Eur. Pat. Appl., 42 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 511652	A1	19921104	EP 1992-107311	19920429
	EP 511652	B1	19951129		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 2066885	AA	19921030	CA 1992-2066885	19920423
	CA 2066885	C	20020723		
	IL 101682	A1	19961205	IL 1992-101682	19920423
	NO 9201640	A	19921030	NO 1992-1640	19920428
	AU 9215224	A1	19921105	AU 1992-15224	19920428
	AU 653216	B2	19940922		
	ZA 9203084	A	19930127	ZA 1992-3084	19920428
	AT 130751	E	19951215	AT 1992-107311	19920429
	ES 2080369	T3	19960201	ES 1992-107311	19920429
	JP 06107525	A2	19940419	JP 1992-155568	19920430
PRAI	US 1991-692709	A	19910429		
OS	MARPAT 118:131746				

L21 ANSWER 64 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1992:108256 CAPLUS
 DN 116:108256
 TI Hydrophilic softening agents for textiles
 IN Singer, Heinrich; Koeppl, Gabriele
 PA Ciba-Geigy Corp., USA
 SO U.S., 5 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5019281	A	19910528	US 1989-450134	19891212
PRAI	US 1989-450134		19891212		
OS	MARPAT 116:108256				

L21 ANSWER 65 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1991:83993 CAPLUS
 DN 114:83993
 TI Quaternary ammonium salt-containing coatings for antistatic surfaces
 IN Ko, Kenneth Koon Ying; Miller, Jesse Delbert; Shelly, Wayne Raymond; Von Stetten, Susan Marie
 PA Armstrong World Industries, Inc., USA
 SO Brit. UK Pat. Appl., 35 pp.
 CODEN: BAXXDU
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2227491	A1	19900801	GB 1990-1732	19900125
	GB 2227491	B2	19930106		
	US 4944998	A	19900731	US 1989-301595	19890126
	US 5091452	A	19920225	US 1989-303256	19890130
	CA 1339327	A1	19970819	CA 1989-608951	19890822
	JP 02202932	A2	19900813	JP 1989-266410	19891016
	JP 02207492	A2	19900817	JP 1989-266409	19891016

AU 9048819	A1	19900802	AU 1990-48819	19900125
AU 618165	B2	19911212		
GB 2229444	A1	19900926	GB 1990-1730	19900125
GB 2229444	B2	19921021		
AU 9048884	A1	19900802	AU 1990-48884	19900129
AU 630146	B2	19921022		
PRAI US 1989-301595		19890126		
US 1989-303256		19890130		
US 1987-78899		19870729		

L21 ANSWER 66 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1990:204451 CAPLUS
DN 112:204451
TI Quaternary ammonium compounds as humectants in cosmetics
IN Coupland, Keith; Smith, Peter John
PA Croda International PLC, UK
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 327379	A2	19890809	EP 1989-301059	19890203
	EP 327379	A3	19910109		
	R: BE, DE, FR, GB, IT, NL, SE				
	DK 8900501	A	19890807	DK 1989-501	19890203
PRAI	GB 1988-2646		19880205		
OS	MARPAT 112:204451				

L21 ANSWER 67 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1990:22641 CAPLUS
DN 112:22641
TI Heat-sensitive starch compositions
IN Fonyodi, Ferenc; Nagy Zambo, Imre; Pinter, Janos; Sumegi, Mihaly; Horvath, Laszlo, Mrs.; Kuminka, Jozsef; Tota, Sandor; Joaneli, Tibor; Merkl, Laszlo
PA Hung.
SO Hung. Teljes, 6 pp.
CODEN: HUXXB

DT Patent
LA Hungarian

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	HU 47960	A2	19890428	HU 1987-4062	19870914
PRAI	HU 1987-4062		19870914		

L21 ANSWER 68 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1987:594479 CAPLUS
DN 107:194479
TI Bolaamphiphiles with mannose- and tetraalkylammonium head groups as coatings for nucleic acids and possible reagents for transfections
AU Fuhrhop, Juergen Hinrich; Tank, Holger
CS Inst. Org. Chem., Freie Univ. Berlin, Berlin, D-1000/33, Fed. Rep. Ger.
SO Chemistry and Physics of Lipids (1987), 43(3), 193-213
CODEN: CPLIA4; ISSN: 0009-3084
DT Journal
LA English
OS CASREACT 107:194479

L21 ANSWER 69 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1986:596976 CAPLUS
DN 105:196976
TI Hair preparations containing ionic polymers and carboxylic acid salts
IN Hoeffkes, Horst; Seidel, Kurt; Giede, Karl; Struve, Alfred; Gruber, Bert
PA Henkel K.-G.a.A., Fed. Rep. Ger.
SO Ger. Offen., 19 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3503618	A1	19860807	DE 1985-3503618	19850202
	DK 8600336	A	19860803	DK 1986-336	19860122
	EP 195895	A2	19861001	EP 1986-100998	19860125
	EP 195895	A3	19880727		
	EP 195895	B1	19920819		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	AT 79533	E	19920915	AT 1986-100998	19860125
	CA 1272960	A1	19900821	CA 1986-500443	19860127
	FI 8600462	A	19860803	FI 1986-462	19860131
	FI 83160	B	19910228		
	FI 83160	C	19910610		
	NO 8600341	A	19860804	NO 1986-341	19860131
	NO 170515	B	19920720		
	NO 170515	C	19921028		
	JP 61183211	A2	19860815	JP 1986-18267	19860131
	US 4898725	A	19900206	US 1988-248344	19880920
PRAI	DE 1985-3503618		19850202		
	US 1986-822368		19860124		
	EP 1986-100998		19860125		

L21 ANSWER 70 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1986:5573 CAPLUS
DN 104:5573
TI Antimicrobial preservation agent and disinfectant
IN Kreiner, Christine F.; Polzhofer, Kurt; Loebering, Hans Georg
PA Thilo, Dr., und Co. G.m.b.H., Fed. Rep. Ger.
SO Ger. Offen., 14 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3339196	A1	19850509	DE 1983-3339196	19831028
PRAI	DE 1983-3339196		19831028		
OS	CASREACT 104:5573				

L21 ANSWER 71 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

AN 1984:553429 CAPLUS
DN 101:153429
TI Lubricant finishes for polyester fibers for spindle-spun yarns
PA Teijin Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
--	------------	------	------	-----------------	------

PI	JP 59066575	A2	19840416	JP 1982-174445	19821006
PRAI	JP 1982-174445		19821006		

L21 ANSWER 72 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1983:159921 CAPLUS
 DN 98:159921
 TI Effects of cationic micelles on the rate of reaction of p-nitrophenyl esters with dihydrolipoic acid and dihydrolipoylamido derivatives
 AU Fornasier, Roberto; Tonellato, Umberto
 CS Ist. Chim. Org., Univ. Padova, Padua, Italy
 SO Bioorganic Chemistry (1982), 11(4), 428-35
 CODEN: BOCMBM; ISSN: 0045-2068
 DT Journal
 LA English

L21 ANSWER 73 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1980:23544 CAPLUS
 DN 92:23544
 TI Halogen-containing resins with improved antistatic properties
 IN Inomata, Nisuke; Tanaka, Yoshitaka; Osada, Minoru
 PA Kyodo Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 54091549	A2	19790720	JP 1977-158134	19771229
PRAI	JP 1977-158134		19771229		

L21 ANSWER 74 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1977:405454 CAPLUS
 DN 87:5454
 TI Antiviral chemotherapy. XIX. Adamantane derivatives and analogs
 AU Rubessa, F.; Runti, C.; Ulian, F.; Vio, L.; Zonta, F.
 CS Ist. Chim. Farm., Univ. Trieste, Trieste, Italy
 SO Farmaco, Edizione Scientifica (1977), 32(2), 129-40
 CODEN: FRPSAX; ISSN: 0430-0920
 DT Journal
 LA Italian
 OS CASREACT 87:5454

L21 ANSWER 75 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1974:464502 CAPLUS
 DN 81:64502
 TI New antistatic methods for plastics. 2
 AU Kabuki, Kimiaki
 CS Tokyo Shibaura Electr. Co., Tokyo, Japan
 SO Kobunshi Kako (1973), 22(11), 698-710
 CODEN: KOKABN; ISSN: 0023-2564
 DT Journal
 LA Japanese

L21 ANSWER 76 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1974:450439 CAPLUS

DN 81:50439
 TI New antistatic method for plastics. 4
 AU Kabuki, Kimiaki
 CS Tokyo Shibaura Electr. Co., Ltd., Tokyo, Japan
 SO Kobunshi Kako (1974), 23(1), 49-64
 CODEN: KOKABN; ISSN: 0023-2564
 DT Journal
 LA Japanese

L21 ANSWER 77 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1974:122588 CAPLUS
 DN 80:122588
 TI Ink compositions
 IN Miyata, Fumio
 PA Sakura Color Products Corp.
 SO Ger. Offen., 46 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2317816	A1	19731018	DE 1973-2317816	19730409
	DE 2317816	B2	19770421		
	DE 2317816	C3	19771215		
	JP 48101222	A2	19731220	JP 1972-36282	19720410
	JP 51039575	B4	19761028		
	US 3945836	A	19760323	US 1973-348050	19730405
	GB 1430412	A	19760331	GB 1973-16552	19730406
	FR 2179953	A1	19731123	FR 1973-12954	19730410
PRAI	JP 1972-36282		19720410		

L21 ANSWER 78 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1973:99489 CAPLUS
 DN 78:99489
 TI Detergent bars
 PA Unilever N. V.
 SO Fr., 28 pp.
 CODEN: FRXXAK
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2113017		19720528		
	CA 947612			CA	
	DE 2151459			DE	
	GB 1370284			GB	
	NL 7114258			NL	
	ZA 7106797		19710000	ZA	
PRAI	GB 1970-49320		19701016		

L21 ANSWER 79 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1971:449023 CAPLUS
 DN 75:49023
 TI Quaternary ammonium salts of tertiary aminoalkyl amides
 AU Mod, Robert R.; Magne, Frank C.; Skau, Evald L.; Sumrell, Gene
 CS South. Reg. Res. Lab., Agric. Res. Serv., New Orleans, LA, USA
 SO Journal of Medicinal Chemistry (1971), 14(6), 558-60
 CODEN: JMCMAR; ISSN: 0022-2623
 DT Journal

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 JUL 12 BEILSTEIN enhanced with new display and select options,
 resulting in a closer connection to BABS
 NEWS 4 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display
 fields
 NEWS 5 AUG 02 CAlplus and CA patent records enhanced with European and Japan
 Patent Office Classifications
 NEWS 6 AUG 02 The Analysis Edition of STN Express with Discover!
 (Version 7.01 for Windows) now available
 NEWS 7 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
 NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
 status data from INPADOC
 NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available
 NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
 STN Express with Discover!
 NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
 NEWS 12 SEP 27 STANDARDS will no longer be available on STN
 NEWS 13 SEP 27 SWETSCAN will no longer be available on STN
 NEWS 14 OCT 28 KOREAPAT now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
 NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
 specific topic.

All use of STN is subject to the provisions of the STN Customer
 agreement. Please note that this agreement limits use to scientific
 research. Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:44:09 ON 10 NOV 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 09:44:22 ON 10 NOV 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

$$= \gamma$$

=> dis que

10

NODE ATTRIBUTES:

DEFAULT ECLEVEL IS LIMITED

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

=> s 11

SAMPLE SEARCH INITIATED 09:48:10 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 739 TO ITERATE

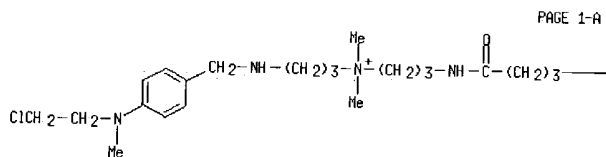
100.0% PROCESSED 739 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 13150 TO 16410
PROJECTED ANSWERS: 6081 TO 8359

L2 50 SEA SSS SAM L1

=> d 12 40-50

L2 ANSWER 40 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 731858-32-5 REGISTRY
CN 1-Propanaminium, 3-[(4-carboxy-1-oxobutyl)amino]-N-[3-[[[4-[(2-chloroethyl)methylamino]phenyl]methyl]amino]propyl]-N,N-dimethyl-, inner salt (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H39 Cl N4 O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: ANST (Analytical study); USES (Uses)

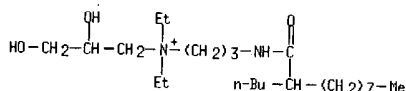


PAGE 1-B

-CO2-

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 41 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 730931-98-3 REGISTRY
CN 1-Propanaminium, N-[3-[(2-butyl-1-oxodecyl)amino]propyl]-N,N-diethyl-2,3-dihydroxy- (9CI) (CA INDEX NAME)
MF C24 H51 N2 O3
CI COM
SR CA



L2 ANSWER 42 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 724462-40-2 REGISTRY
CN 3-Oxa-5,9,15-triazaheptadecan-17-aminium, N-[2,3-

bis[(12,12,13,13,14,14,15,15,15-nonafluoropentadecyl)oxy]propyl]-9-[(1,1-dimethylethoxy)carbonyl]-13-[[[(1,1-dimethylethoxy)carbonyl]amino]propyl]amino]-N,N,2,2-tetramethyl-4,14-dioxo-, hydroxide (9CI) (CA INDEX NAME)

MF C68 H117 F18 N6 O11 . H O

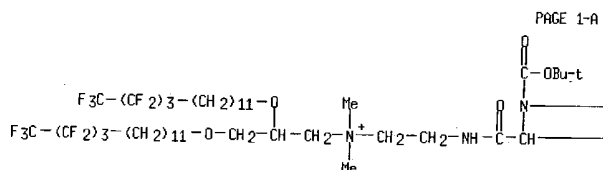
SR CA

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

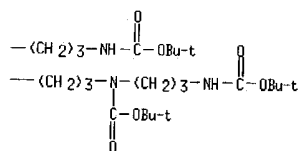
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

CRN (765899-96-5)



* OH-

PAGE 1-B



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 43 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN

RN 724416-52-8 REGISTRY

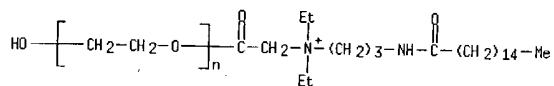
CN Poly(oxy-1,2-ethanediyl), α -[[[diethyl[3-[(1-oxohexadecyl)amino]propyl]ammonio]acetyl]- ω -hydroxy- (9CI) (CA INDEX NAME)

MF (C2 H4 O)_n C25 H51 N2 O3

CI PMS, COM

PCT Polyether

SR CA



L2 ANSWER 44 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN

RN 721386-88-5 REGISTRY

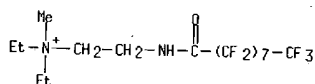
CN Ethanaminium, N,N-diethyl-2-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-1-oxononyl)amino]-N-methyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C16 H18 F17 N2 O

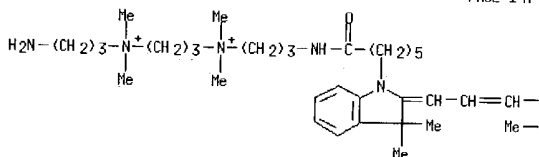
CI COM

SR CA

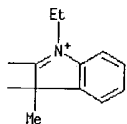


L2 ANSWER 45 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 719266-88-3 REGISTRY
 CN 3H-Indolium, 2-[3-[1-[6-[3-[3-[(3-aminopropyl)dimethylammonio]propyl]dimethylammonio]propyl]amino]-6-oxohexyl]-1,3-dihydro-3,3-dimethyl-2H-indol-2-ylidene]-1-propenyl]-1-ethyl-3,3-dimethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C44 H71 N6 O
 CI COM
 SR CA

PAGE 1-A

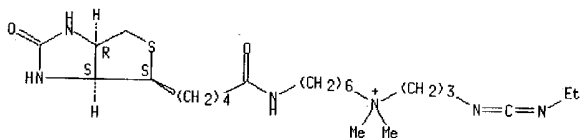


PAGE 1-B

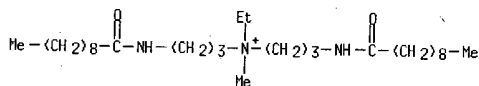


L2 ANSWER 46 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 706753-21-1 REGISTRY
 CN 1-Hexanaminium, N-[3-[(ethylcarbonimidoyl)amino]propyl]-6-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]-N,N-dimethyl- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C24 H45 N6 O2 S
 CI COM
 SR CA

Absolute stereochemistry.



L2 ANSWER 47 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 705925-15-1 REGISTRY
 CN 1-Propanaminium, N-ethyl-N-methyl-3-[(1-oxodecyl)amino]-N-[3-[(1-oxodecyl)amino]propyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C29 H60 N3 O2
 CI COM
 SR CA



L2 ANSWER 48 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 704863-17-2 REGISTRY
 CN Ethanaminium, 2,2'-[(1,2-dioxo-1,2-ethanediyl)diimino]bis[N,N,N-triethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD

LA English

L21 ANSWER 80 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1970:33207 CAPLUS
 DN 72:33207
 TI Textile auxiliary agents with germicidal action
 IN Sato, Toshio; Katsumi, Mamoru
 PA Kao Soap Co., Ltd.
 SO Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1812071		19691204		
	FR 1596174			FR	
PRAI	JP		19680525		

=> d 121 81-93

L21 ANSWER 81 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1969:48187 CAPLUS
 DN 70:48187
 TI Antistatic articles of synthetic resin
 PA Tokyo Shibaura Electric Co., Ltd.
 SO Brit., 7 pp.
 CODEN: BRXXAA
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1139226		19690108		
PRAI	JP		19651104		

L21 ANSWER 82 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1969:12844 CAPLUS
 DN 70:12844
 TI Fatty amidoamine derivatives: N,N-dimethyl-N-(3-alkylamidopropyl)amines and their salts
 AU Muzyczko, T. M.; Shore, S.; Loboda, J. A.
 CS Richardson Co., Melrose Park, IL, USA
 SO Journal of the American Oil Chemists' Society (1968), 45(11), 720-5
 CODEN: JAOCA7; ISSN: 0003-021X
 DT Journal
 LA English

L21 ANSWER 83 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1969:4951 CAPLUS
 DN 70:4951
 TI Antistatic poly(vinyl chloride) composition
 IN Adams, Thomas J.
 PA American Cyanamid Co.
 SO U.S., 2 pp.
 CODEN: USXXAM
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3404138	A	19681001	US 1963-326344	19631127
PRAI	US 1963-326344		19631127		

L21 ANSWER 84 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1967:517720 CAPLUS
 DN 67:117720
 TI Poly(vinyl **chloride**) sheet surgical drapes resistant to build up of electrostatic charges
 PA Johnson and Johnson
 SO Brit., 3 pp.
 CODEN: BRXXAA
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1085476		19671004		
	DE 1694429			DE	
PRAI	US		19650909		

L21 ANSWER 85 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1967:66194 CAPLUS
 DN 66:66194
 TI Foamable polystyrene compositions
 PA Badische Anilin- & Soda-Fabrik AG
 SO Neth. Appl., 8 pp.
 CODEN: NAXXAN
 DT Patent
 LA Dutch

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	NL 6605913		19661108	NL	
	FR 1478998			FR	
PRAI	DE		19650507		

L21 ANSWER 86 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1966:418149 CAPLUS
 DN 65:18149
 OREF 65:3346b-d
 TI Effect of surface-active compounds and of some cations on the electroreduction of nitrobenzene on drop and stationary mercury electrodes
 AU Jakuszewski, Bogdan; Fleszar, Boleslaw
 CS Univ. Lodz, Pol.
 SO Roczniki Chemii (1966), 40(4), 695-7
 CODEN: ROCHAC; ISSN: 0035-7677
 DT Journal
 LA Polish

L21 ANSWER 87 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1963:66529 CAPLUS
 DN 58:66529
 OREF 58:11375b-h, 11376a-h, 11377a-h, 11378a-e
 TI Photographic light-sensitive silver halide-polyvinyl alcohol emulsions
 IN Sprung, Joseph A.
 PA General Aniline & Film Corp.

SO 44 pp.
DT Patent
LA Unavailable

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1139738		19621115	DE	
GB 912266			GB	
US 3113026		1963	US	
PRAI US		19590119		

L21 ANSWER 88 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1963:47270 CAPLUS
DN 58:47270
OREF 58:8085h,8086a-b
TI Improving the dyeability of acrylonitrile polymers
IN Kruckenberg, Winfried; Dinges, Karl; Froitzheim, Hans
PA Farbenfabriken Bayer A.-G.
SO 12 pp.
DT Patent
LA Unavailable

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BE 619856		19621031	BE	
PRAI DE		19610707		

L21 ANSWER 89 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1956:22223 CAPLUS
DN 50:22223
OREF 50:4526a-c
TI Controlling the migration of metalized dyes between dye bath and fabric
IN Mooradian, Shannon; Millson, Henry E.
PA American Cyanamid Co.
DT Patent
LA Unavailable

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2723178		19551108	US	

L21 ANSWER 90 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1955:12169 CAPLUS
DN 49:12169
OREF 49:2491d-h
TI Substituted dicarboxylic acid amides
PA Burroughs Wellcome & Co. (U.S.A.) Inc.; Wellcome Foundation Ltd.
DT Patent
LA Unavailable

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 701209		19531223	GB	

L21 ANSWER 91 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1955:1487 CAPLUS
DN 49:1487
OREF 49:385g-i,386a-d
TI Curarizing composition
IN Castillo, Julio C.; Phillips, Arthur P.
PA Burroughs Wellcome & Co. (U.S.A.) Inc.

DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2653898		19530929	US	

L21 ANSWER 92 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

[Full Text](#) [Citing References](#)

AN 1953:43301 CAPLUS
DN 47:43301
OREF 47:7256f-i
TI Antistatic treatment of resins
IN Carnes, Joseph J.
PA American Cyanamid Co.
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2626876		19530127	US	

L21 ANSWER 93 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

[Full Text](#) [Citing References](#)

AN 1953:3155 CAPLUS
DN 47:3155
OREF 47:495b-e
TI Dicarboxylic acid bis- β -tertiaryaminoalkyl amides and their quaternary ammonium salts as curare substitutes. II
AU Phillips, Arthur P.
CS Wellcome Research Labs., Tuckahoe, NY
SO Journal of the American Chemical Society (1951), 73, 5822-4
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable

=>

DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2653898		19530929	US	

L21 ANSWER 92 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1953:43301 CAPLUS
DN 47:43301
OREF 47:7256f-i
TI Antistatic treatment of resins
IN Carnes, Joseph J.
PA American Cyanamid Co.
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2626876		19530127	US	

L21 ANSWER 93 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1953:3155 CAPLUS
DN 47:3155
OREF 47:495b-e
TI Dicarboxylic acid bis- β -tertiaryaminoalkyl amides and their quaternary ammonium salts as curare substitutes. II
AU Phillips, Arthur P.
CS Wellcome Research Labs., Tuckahoe, NY
SO Journal of the American Chemical Society (1951), 73, 5822-4
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable

=> s 115 and fracturing fluid

212 L15
6583 FRACTURING
362817 FLUID
680 FRACTURING FLUID
(FRACTURING(W) FLUID)
L22 0 L15 AND FRACTURING FLUID

=> s 115 and drilling fluid

212 L15
28007 DRILLING
362817 FLUID
5852 DRILLING FLUID
(DRILLING(W) FLUID)
L23 1 L15 AND DRILLING FLUID

=> d 123

L23 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:185872 CAPLUS
DN 134:239963
TI Water-based oil well drilling fluids containing quaternary ammonium cationic surfactants as thickening and gelation agents
IN Subramanian, Shankar; Islam, Mojahedul; Burgazli, Cent R.
PA Crompton Corp., USA

SO PCT Int. Appl., 39 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

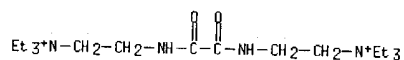
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001018147	A1	20010315	WO 2000-US24142	20000901
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1212385	A1	20020612	EP 2000-959792	20000901
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI	US 1999-152662P	P	19990907		
	WO 2000-US24142	W	20000901		

OS MARPAT 134:239963

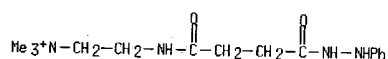
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

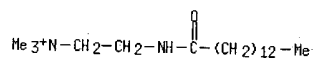
MF C18 H40 N4 O2
CI COM
SR CA



L2 ANSWER 49 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 693209-70-0 REGISTRY
CN Ethanaminium, 2-[[1,4-dioxo-4-(2-phenylhydrazino)butyl]amino]-N,N,N-trimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H25 N4 O2
CI COM
SR CA

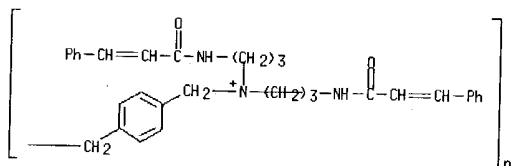


L2 ANSWER 50 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 690625-43-5 REGISTRY
CN Ethanaminium, N,N,N-trimethyl-2-[(1-oxotetradecyl)amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H41 N2 O
CI COM
SR CA

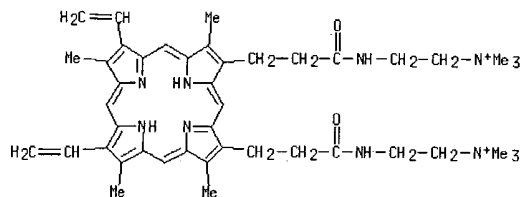


=> d 12 30-39

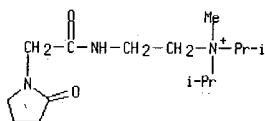
L2 ANSWER 30 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 747378-94-5 REGISTRY
CN Poly[[bis[3-[(1-oxo-3-phenyl-2-propenyl)amino]propyl]iminio]methylene-1,4-phenylenemethylene] (9CI) (CA INDEX NAME)
MF (C32 H36 N3 O2)n
CI PMS, COM
PCT Polyionene
SR CA



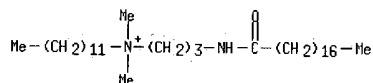
L2 ANSWER 31 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 747371-35-3 REGISTRY
CN Ethanaminium, 2,2'-[(7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-diyl)bis[(1-oxo-3,1-propanediyl)imino]]bis[N,N,N-trimethyl- (9CI) (CA INDEX NAME)
MF C44 H60 N8 O2
CI COM
SR CA



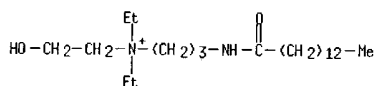
L2 ANSWER 32 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 746559-42-2 REGISTRY
 CN 2-Propanaminium, N-methyl-N-(1-methylethyl)-N-[2-[[2-oxo-1-pyrrolidinyl)acetyl]amino]ethyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H30 N3 O2
 CI COM
 SR CA



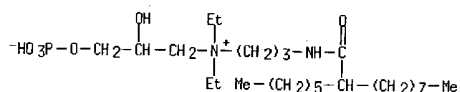
L2 ANSWER 33 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 742673-48-9 REGISTRY
 CN 1-Dodecanaminium, N,N-dimethyl-N-[3-[(1-oxooctadecyl)amino]propyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C35 H73 N2 O
 CI COM
 SR CA



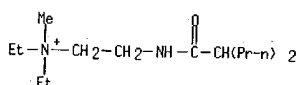
L2 ANSWER 34 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 742651-49-6 REGISTRY
 CN 1-Propanaminium, N,N-diethyl-N-(2-hydroxyethyl)-3-[(1-oxotetradecyl)amino]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H49 N2 O2
 CI COM
 SR CA



L2 ANSWER 35 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 736925-15-8 REGISTRY
 CN 1-Propanaminium, N,N-diethyl-N-[3-[(2-hexyl-1-oxodecyl)amino]propyl]-2-hydroxy-3-(phosphonooxy)-, inner salt (9CI) (CA INDEX NAME)
 MF C26 H55 N2 O6 P
 CI COM
 SR CA

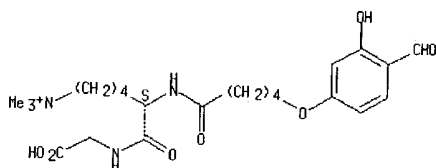


L2 ANSWER 36 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 734473-02-0 REGISTRY
 CN Ethanaminium, N,N-diethyl-N-methyl-2-[(1-oxo-2-propylpentyl)amino]- (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H33 N2 O
 CI COM
 SR CA

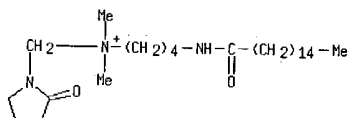


L2 ANSWER 37 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 733737-09-2 REGISTRY
 CN Glycine, N-[5-(4-formyl-3-hydroxyphenoxy)-1-oxopentyl]-6-(trimethylammonio)-L-norleucyl- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C23 H36 N3 O7
 CI COM
 SR CA

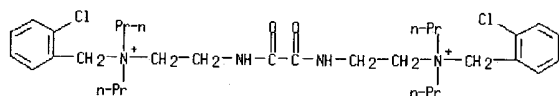
Absolute stereochemistry.



L2 ANSWER 38 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 732214-08-3 REGISTRY
 CN 1-Pyrrolidinemethanaminium, N,N-dimethyl-2-oxo-N-[4-[(1-oxohexadecyl)amino]butyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H54 N3 O2
 CI COM
 SR CA

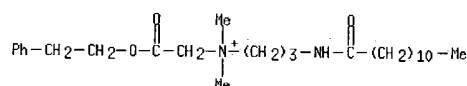


L2 ANSWER 39 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 732209-89-1 REGISTRY
 CN Benzenemethanaminium, N,N'-[(1,2-dioxo-1,2-ethanediyl)bis(imino-2,1-ethanediyl)]bis[2-chloro-N,N-dipropyl- (9CI) (CA INDEX NAME)
 MF C32 H50 Cl2 N4 O2
 CI COM
 SR CA



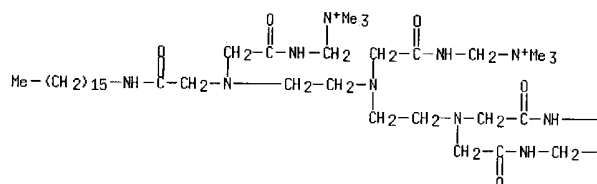
=> d 12 20-29

L2 ANSWER 20 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 758676-04-9 REGISTRY
 CN 1-Propanaminium, N,N-dimethyl-3-[(1-oxododecyl)amino]-N-[2-oxo-2-(2-phenylethoxy)ethyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H47 N2 O3
 CI COM
 SR CA



L2 ANSWER 21 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 758674-60-1 REGISTRY
 CN 2,5,8,11,14-Pentaazapentadecane-1,15-diaminium, 5,11-bis[2-(hexadecylamino)-2-oxoethyl]-N,N,N,N',N',N'-hexamethyl-3,13-dioxo-8-[2-oxo-2-[[[(trimethylammonio)methyl]amino]ethyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C58 H122 N11 O5
 CI COM
 SR CA

PAGE 1-A

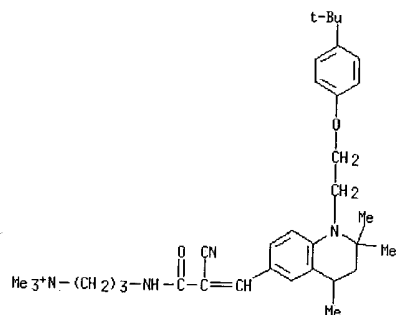


PAGE 1-B

—(CH₂)₁₅—Me

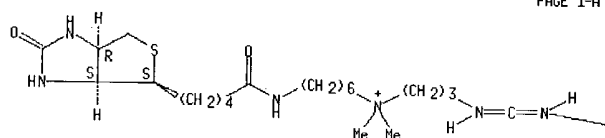
—N⁺Me₃

L2 ANSWER 22 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 757933-30-5 REGISTRY
 CN 1-Propanaminium, 3-[[2-cyano-3-[1-[2-[4-(1,1-dimethylethyl)phenoxy]ethyl]-1,2,3,4-tetrahydro-2,2,4-trimethyl-6-quinolinyl]-1-oxo-2-propenyl]amino]-N,N,N-trimethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C34 H49 N4 O2
 CI COM
 SR CA



L2 ANSWER 23 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 756455-32-0 REGISTRY
 CN 1-Hexanaminium, 6-[[5-(hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl)-1-oxopentyl]amino]-N,N-dimethyl-N-[3-[(4-pyridinylcarbonimidoyl)amino]propyl]-, [3aS-(3aα,4β,6aα)]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C27 H44 N7 O2 S
 CI COM
 SR CA

Absolute stereochemistry.



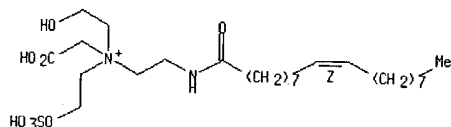
PAGE 1-A

PAGE 1-B



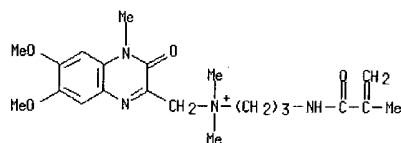
L2 ANSWER 24 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 754948-57-7 REGISTRY
 CN Ethanaminium, N-(carboxymethyl)-N-(2-hydroxyethyl)-N-[2-[(1-oxo-9-octadecenyl)amino]ethyl]-2-(sulfooxy)-, (Z)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C26 H51 N2 O8 S
 CI COM
 SR CA

Double bond geometry as shown.



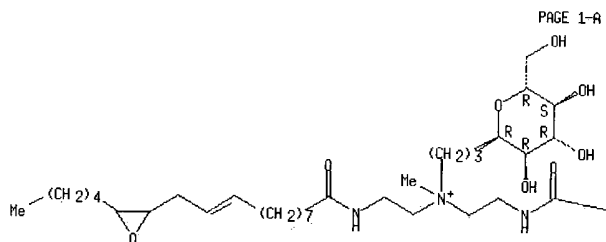
L2 ANSWER 25 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 752968-00-6 REGISTRY
 CN 2-Quinoxalinemethanaminium, 3,4-dihydro-6,7-dimethoxy-N,N,4-trimethyl-N-[3-[(2-methyl-1-oxo-2-propenyl)amino]propyl]-3-oxo- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H31 N4 O4
 CI COM

SR CA

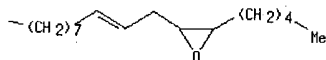


L2 ANSWER 26 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 749845-68-9 REGISTRY
 CN D-glycero-L-gulo-Nonitol, 2,6-anhydro-7,8,9-trideoxy-9-[methylbis[2-[[1-oxo-11-(3-pentyloxiranyl)-9-undecenyl]amino]ethyl]ammonio]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C50 H92 N3 O9
 CI COM
 SR CA

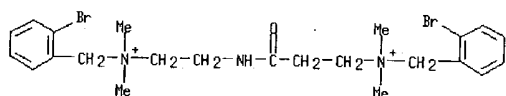
Absolute stereochemistry.
 Double bond geometry unknown.



PAGE 1-B



L2 ANSWER 27 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 749784-49-4 REGISTRY
 CN Benzenemethanaminium, 2-bromo-N-[3-[[2-[[2-bromophenyl)methyl]dimethylammonio]ethyl]amino]-3-oxopropyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H33 Br2 N3 O
 CI COM
 SR CA

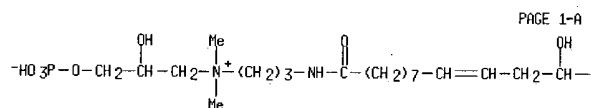


L2 ANSWER 28 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 748763-68-0 REGISTRY
 CN 1-Propanaminium, 2-hydroxy-N-[3-[(12-hydroxy-1-oxo-9-octadecenyl)aminopropyl]-N,N-dimethyl-3-(phosphonooxy)-, inner salt (9CI) (CA INDEX NAME)

```

FS      3D CONCORD
MF      C26 H53 N2 O7 P
CI      COM
SR      CA

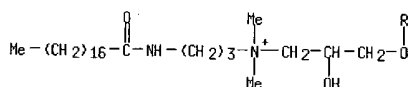
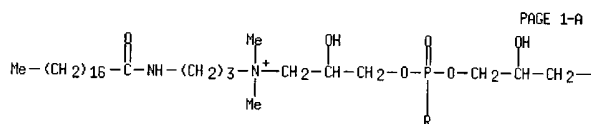
```



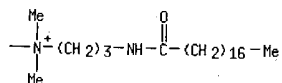
PAGE 1-B

$$-(\text{CH}_2)_5-\text{Me}$$

```
L2 ANSWER 29 OF 50  REGISTRY  COPYRIGHT 2004 ACS on STN
RN 748083-27-4  REGISTRY
CN 4,6-Dioxa-14-aza-10-azonia-5-phosphadotriacontan-1-aminium,
5-[3-[dimethyl[3-[(1-oxooctadecyl)amino]propyl]ammonio]-2-hydroxypropoxy]-
2,8-dihydroxy-N,N,10,10-tetramethyl-15-oxo-N-[3-[(1-
oxooctadecyl)amino]propyl]-, 5-oxide (9CI)  (CA INDEX NAME)
FS 3D CONCORD
MF C78 H162 N6 O10 P
CI COM
SR CA
```



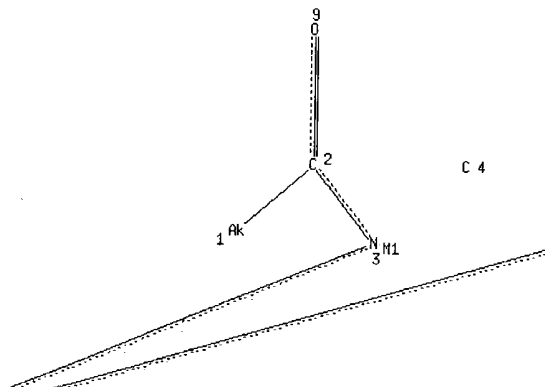
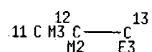
PAGE 1-B

 \Rightarrow

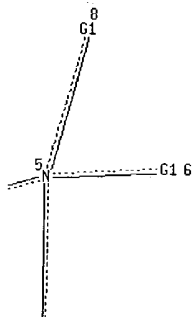
L3 STRUCTURE UPLOADED

=> dis que

L3	STR
----	-----



Page 1-A



Page 1-B



Page 2-A

G1
7

Page 2-B

VAR G1=11/12

REP G20=(1-6) 4-3 4-5

NODE ATTRIBUTES:

HCOUNT	IS	M1	AT	3
HCOUNT	IS	M3	AT	11
HCOUNT	IS	M2	AT	12
HCOUNT	IS	E3	AT	13
NSPEC	IS	C	AT	1
NSPEC	IS	C	AT	2
NSPEC	IS	C	AT	3
NSPEC	IS	C	AT	4
NSPEC	IS	C	AT	5
NSPEC	IS	C	AT	6
NSPEC	IS	C	AT	7
NSPEC	IS	C	AT	8
NSPEC	IS	C	AT	9
NSPEC	IS	C	AT	10

DEFAULT MLEVEL IS ATOM

MLEVEL	IS	CLASS	AT	1	2	3	4	5	9	11	12	13
--------	----	-------	----	---	---	---	---	---	---	----	----	----

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

=> s 13

SAMPLE SEARCH INITIATED 10:01:01 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 95512 TO ITERATE

1.0% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.13

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**

PROJECTED ITERATIONS: EXCEEDS 1000000

PROJECTED ANSWERS: EXCEEDS 0

L4 0 SEA SSS SAM L3

=> search 13

ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
 ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
 FULL SEARCH INITIATED 10:01:37 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 6.0% PROCESSED	115544 ITERATIONS		140 ANSWERS
< 8.0% PROCESSED	152365 ITERATIONS		166 ANSWERS
< 9.3% PROCESSED	178171 ITERATIONS		176 ANSWERS
< 9.5% PROCESSED	182308 ITERATIONS		176 ANSWERS
< 9.8% PROCESSED	186564 ITERATIONS		176 ANSWERS
< 10.1% PROCESSED	192446 ITERATIONS		180 ANSWERS
< 10.4% PROCESSED	198863 ITERATIONS		184 ANSWERS
< 11.0% PROCESSED	211138 ITERATIONS	(4 INCOMPLETE)	215 ANSWERS
< 12.0% PROCESSED	230263 ITERATIONS	(6 INCOMPLETE)	269 ANSWERS
< 12.9% PROCESSED	246802 ITERATIONS	(8 INCOMPLETE)	329 ANSWERS
< 13.0% PROCESSED	248099 ITERATIONS	(8 INCOMPLETE)	331 ANSWERS
< 13.0% PROCESSED	248100 ITERATIONS	(8 INCOMPLETE)	331 ANSWERS
< 13.7% PROCESSED	261293 ITERATIONS	(8 INCOMPLETE)	337 ANSWERS
< 13.8% PROCESSED	264431 ITERATIONS	(8 INCOMPLETE)	339 ANSWERS
< 14.2% PROCESSED	270836 ITERATIONS	(9 INCOMPLETE)	343 ANSWERS
< 14.9% PROCESSED	284481 ITERATIONS	(11 INCOMPLETE)	384 ANSWERS
< 15.5% PROCESSED	295952 ITERATIONS	(14 INCOMPLETE)	432 ANSWERS
< 15.8% PROCESSED	301758 ITERATIONS	(14 INCOMPLETE)	439 ANSWERS
< 16.4% PROCESSED	312791 ITERATIONS	(14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314835 ITERATIONS	(14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314836 ITERATIONS	(14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314836 ITERATIONS	(14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314837 ITERATIONS	(14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314838 ITERATIONS	(14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314840 ITERATIONS	(15 INCOMPLETE)	441 ANSWERS
< 17.0% PROCESSED	325789 ITERATIONS	(17 INCOMPLETE)	480 ANSWERS
< 17.5% PROCESSED	335583 ITERATIONS	(17 INCOMPLETE)	492 ANSWERS
< 17.6% PROCESSED	336534 ITERATIONS	(18 INCOMPLETE)	495 ANSWERS
< 17.6% PROCESSED	336534 ITERATIONS	(18 INCOMPLETE)	495 ANSWERS
< 17.7% PROCESSED	338449 ITERATIONS	(18 INCOMPLETE)	500 ANSWERS


```
< 17.9% PROCESSED 341799 ITERATIONS ( 18 INCOMPLETE) 520 ANSWERS
< 17.9% PROCESSED 341800 ITERATIONS ( 19 INCOMPLETE) 521 ANSWERS
< 17.9% PROCESSED 341802 ITERATIONS ( 21 INCOMPLETE) 523 ANSWERS
```

=> file ca

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

74.19

74.40

FILE 'CA' ENTERED AT 10:11:47 ON 10 NOV 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 4 Nov 2004 VOL 141 ISS 20

FILE LAST UPDATED: 4 Nov 2004 (20041104/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 690625-43-5

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L7

0 L6

=> s 690625-43-5

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L9

0 L8

=> s 742651-49-6

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L11 0 L10

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.15

83.37

STN INTERNATIONAL LOGOFF AT 10:14:34 ON 10 NOV 2004